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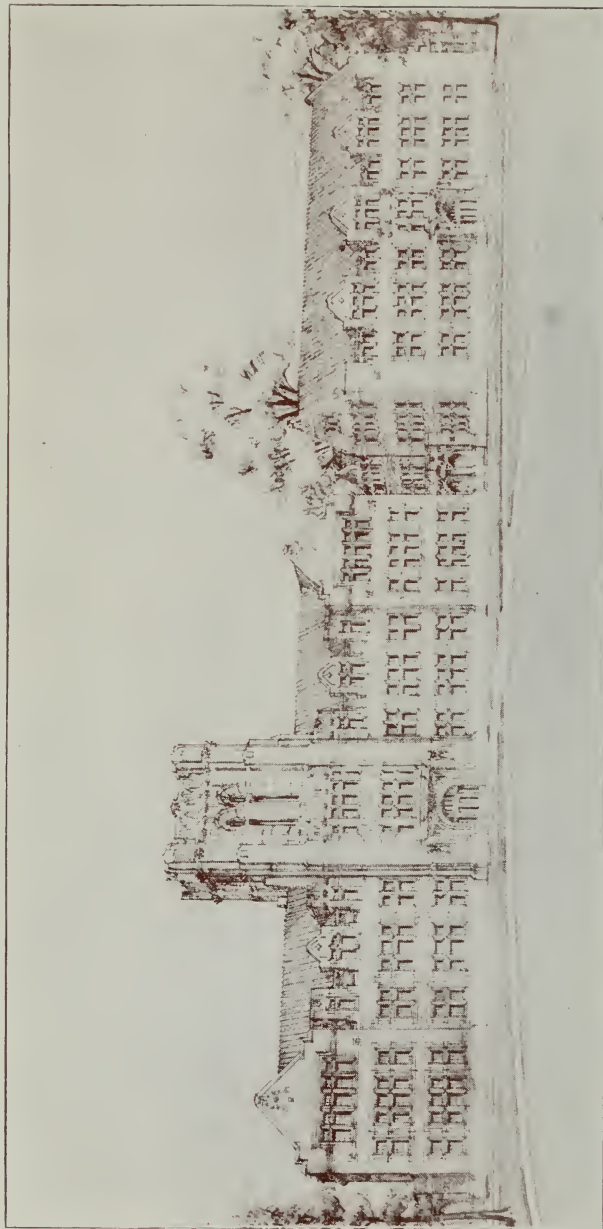
EVANSVILLE COLLEGE BULLETIN



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ANNUAL CATALOG
1919 - 1920



EVANSVILLE COLLEGE

Main Administration Building and Science Hall from Architects' Drawing

Planned to be ready for use by September 1921

Evansville College Bulletin

Volume II Number 1

JULY 1920

ANNUAL CATALOG FIRST YEAR

1919-1920

EVANSVILLE, INDIANA

Printed for the College

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BURKERT-WALTON  EVANSVILLE, IND.

191920-192425

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CORRESPONDENCE

Correspondence on any matter pertaining to the College directed to Alfred F. Hughes, President of the College, will receive prompt attention.

Requests for specific information in regard to admission, courses of study, students' ranks and standing should be directed to Charles E. Torbet, Dean of the College.

Requests for catalogs and other publications may be directed simply to **Evansville College**.

ENTRANCE CERTIFICATES

Prospective students should write to the Dean of the College for an entrance certificate. This should be filled out by high school principal and returned not later than two weeks before the opening of the quarter at which the student expects to enter. Students entering from other colleges should send in a certified statement of their credits together with a letter of honorable dismissal from the institution where they have been in attendance.

REGISTRATION

Registration takes place on the days appointed for this purpose, (See Calendar, page 6) at College Hall, 519 Vine Street. The necessary directions for registration will be given students on arrival.

OUT-OF-TOWN STUDENTS

Out-of-town students should plan to arrive at Evansville the day preceding Registration day, so that they may make final arrangements for room and board. On arrival, women should go to Sweetser Hall, 709 Upper First Street. Men should report at College Hall, unless they have engaged rooms in advance. Attention is called to directions to women who expect to live at Sweetser Hall as given on page 29 of this catalog.

Calendar 1920

JUNE							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
5	6	7	1	2	3	4	4	5	6	7	1	2	3
12	13	14	15	16	17	18	11	12	13	14	15	16	17
19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29	30	.	.	25	26	27	28	29	30	31

COLLEGE CALENDAR

1920

September 28—Tuesday.....Registration for the Autumn Quarter
September 29—Wednesday.....Class work begins
November 25-28—(Thursday to Sunday).....Thanksgiving Recess
November 30—Tuesday....Semi-Annual Meeting Board of Trustees
December 17—Friday.....Autumn Quarter ends
December 18—Saturday.....Holiday Vacation begins

1921

January 2—Sunday.....	Holiday Vacation ends
January 3—Monday.....	Registration for the Winter Quarter
January 4—Tuesday.....	Class Work begins
February 10—Thursday.....	Day of Prayer for Colleges
March 25—Friday.....	Winter Quarter ends
March 26-April 3—(Saturday to Sunday).....	Spring Vacation
April 4—Monday.....	Registration for the Spring Quarter
April 5—Tuesday.....	Class work begins
May 9—Monday.....	Registration for Mid-Spring Quarter
June 21—Tuesday.....	Annual Meeting Board of Trustees
	Commencement
	Spring Quarter ends
June 22—Wednesday.....	Registration for the Summer Quarter
June 23—Thursday.....	Class work begins
July 29—Friday.....	Mid-Spring Quarter ends
September 2—Friday.....	Summer Quarter ends

BOARD OF TRUSTEES

Ex-Officio Alfred F. Hughes, D. D.....President of the College

Term Expires 1920

Rev. L. C. Bentley, D. D.....	Vincennes
Wm. H. McCurdy.....	Evansville
Wilbur Erskine.....	Evansville
Rev. E. A. Robertson, D. D.....	Indianapolis
Howard Roosa.....	Evansville
Richard Rosencranz.....	Evansville
George S. Tarbox.....	Arcola, Ill.

Term Expires 1921

Bishop Wm. F. Anderson, LL. D.....	Cincinnati
George S. Clifford.....	Evansville
Walton M. Wheeler.....	Evansville
Hon. James A. Hemenway.....	Boonville
Rev. Wm. N. Dresel.....	Evansville
Rev. Geo. H. Murphy, D. D.....	Columbus
D. J. Terhune.....	Linton

Term Expires 1922

Benjamin Bosse.....	Evansville
Rev. Alfred E. Craig, D. D.....	Evansville
Rev. John W. Hancher, D. D.....	New York
E. V. Hawkins.....	Connersville
John J. Nolan.....	Evansville
Francis J. Reitz.....	Evansville
Rev. John S. Ward, D. D.....	Evansville

OFFICERS OF BOARD OF TRUSTEES

Bishop Wm. F. Anderson, Cincinnati.....	President
Rev. Alfred E. Craig, Evansville.....	Vice-President
Richard Rosencranz, Evansville.....	Secretary
Wilbur Erskine, Evansville.....	Treasurer
F. R. Wilson, Evansville.....	Endowment Treasurer

COMMITTEES OF BOARD OF TRUSTEES**Executive Committee**

Benjamin Bosse, Chairman

Walton M. Wheeler	Francis J. Reitz
George S. Clifford	Wm. H. McCurdy
Alfred E. Craig	John S. Ward
James A. Hemenway	Wilbur Erskine

Administration and Equipment

John S. Ward, Chairman

Wm. N. Dresel	L. C. Bentley
D. J. Terhune	Geo. H. Murphy

Buildings and Grounds

George S. Clifford, Chairman

John J. Nolan	Richard Rosencranz
Benjamin Bosse	Wm. H. McCurdy

Curriculum and Faculty

Alfred E. Craig, Chairman

Howard Roosa	John W. Hancher
Wm. N. Dresel	E. A. Robertson

Degrees

L. C. Bentley, Chairman

Walton M. Wheeler	E. V. Hawkins
Wm. N. Dresel	E. A. Robertson

Endowment

Wm. H. McCurdy, Chairman

Wilbur Erskine	Francis J. Reitz
George S. Tarbox	Alfred E. Craig

Special Building

Benjamin Bosse, Chairman

Howard Roosa	Richard Rosencranz
George S. Clifford	Alfred E. Craig

OFFICERS OF ADMINISTRATION

Alfred F. Hughes, S. T. B., D. D.
President

Charles E. Torbet, A. M.
Dean of the College and Registrar

Mrs. Lucy J. Franklin, A. M.
Dean of Women

Charles P. Beard
Executive Secretary

George B. Franklin, A. M.
Librarian

SECRETARIAL AND LIBRARY STAFF

M. Gertrude Woods
Secretary to the President

Lila R. Powell
Office Secretary

Dorothea Heins
Johanna Klingholz, A. B.
Assistant Librarians

Mary Eicholz
Louise Feist
Maybelle Hargrave
Eva Johnson
Nellie Kelp
Grace McCutchan
Alma Martin
Edna Myers
Gladys Webb

Student Library Assistants

FACULTY

1 Alfred Franklin Hughes, S. T. B., D. D.
President of the College

2 *Arvil Sylvester Barr, A. M.
Associate Professor of Education

3 *Henry Jewell Bassett, Ph. D.
Professor of Latin and Greek

4 Andrew Johnson Bigney, A. M., Sc. D.
Professor of Zoology, and Acting Head
Department of Chemistry

5 **Ethel R. Burton, A. B.
Assistant Professor of Education,
and Acting Head of Department

6 Elizabeth Louise Cowan, B. S.
Professor of Home Economics

7 Wahnita DeLong, A. M.
Assistant Professor of English

8 George Bruce Franklin, A. M.
Professor of English

9 Mrs. Lucy Jenkins Franklin, A. M.
Professor of Oral English

10 Hector L. Goumaz, A. M.
Professor of Modern Languages

*Under appointment for year 1920-21.

**Deceased.

FACULTY—Continued

11 Bert Hermann, A. B.

Assistant Professor of Education

12 Olaf Hovda, Ph. D.

Professor of Physics, and Acting
Head Department of Mathematics

13 Eugene Stock McCartney, Ph. D.

Professor of Greek and Latin

14 *Mary Lois Raymond, A. M.

Associate Professor of Modern Languages

15 *Max Brewster Robinson, M. E.

Professor of Mechanical Engineering, and
Head of the Department of Engineering

16 Charles William Shumway, S. T. B., Ph. D.

Professor of Biblical Literature
and Religious Education

17 *Walter Abram Terpenning, A. B.

Associate Professor of Sociology

18 Charles Edgar Torbet, A. M.

Professor of History

*Under appointment for year 1920-21.

DEPARTMENT OF EDUCATION

Arvil S. Barr, A. M.

Associate Professor of Education

Louis P. Benezet, A. M.

Instructor in Public School Systems

Bert Hermann, A. B.

Assistant Professor of Education

*Everett E. Morley, A. M.

Instructor in Principles of Education

*Floyd C. Ragland

Instructor in Child Study

*William F. Vogel, A. M.

Instructor in Education and History

Critic Teachers

Louise Atkin

Carolla Bangsburg

*Jessie Farrell

Annette Fenneman

Adelia McClerney

*Julia S. Straub

Dierdre Tribble

*Summer Quarter.

DEPARTMENT OF MUSIC

Reginald W. Billin, (London and Paris)

Director of the Department of Music

Instructor in Voice

James Robert Gillette, (Syracuse University)

Instructor in Organ and Theory of Music

Mrs. Donald French, (New York, Chicago, Berlin)

Instructor in Piano

Otto Puder, (Cincinnati Conservatory)

Instructor in Violin

Ada Bicking, (A. I. N. M., Northwestern University)

Instructor in Public School Music

Ottillie Weintz, (Northwestern University)

Assistant in Piano

(Summer Quarter)

INSTRUCTORS AND ASSISTANTS

Bessie May Atkin
Assistant in Home Economics

Margaret Beachey
Instructor in Drawing ✓

Charles D. Dilts, A. B.
Assistant in Chemistry ✓

Cornelia Koch
Instructor in Penmanship

Helen C. Mann
Assistant in Home Economics ✓

Isabelle Mossman
Instructor in Public School Music

Helen Peeples
Assistant in Home Economics ✓
(Summer Quarter)

M. Lyle Plumb, B. S. ✓
Instructor in Agriculture

Olive Roberts
Physical Director for Women
(Summer Quarter)

George B. Schnurr, B. P. E. ✓
Physical Director for Men

COMMITTEES OF THE FACULTY

Admission and Registration—Professors Torbet, G. B. Franklin, Barr, Robinson.

Athletics—Professors Hovda, Lucy J. Franklin, McCartney, Barr, Raymond.

Chapel Absences—Professors Torbet, Lucy J. Franklin, Hovda.

Commencement Exercises—Professors Bigney, Cowan, McCartney, Bassett, Raymond.

Community and Extension Courses—President Hughes, Professors Shumway, G. B. Franklin, Cowan, Barr.

Curriculum—Professors Torbet, G. B. Franklin, Bigney, Hermann, McCartney, Barr, Robinson.

Debate and Oratory—President Hughes, Professors Lucy J. Franklin and Bassett.

Library—Professors G. B. Franklin, DeLong, Terpenning.

Recommendations—Professors Barr, Robinson, Torbet.

Religious Activities—Professors Bigney, Shumway, Terpenning.

Student Organizations and Social Events—President Hughes, Professors Torbet and Lucy J. Franklin.

Student Publications—Professors Franklin, Shumway, Cowan, Bassett.

Student Welfare—Professors Hovda, Lucy J. Franklin, Bigney, DeLong.

EVANSVILLE COLLEGE

ORGANIZATION

Evansville College is organized under a charter granted February 17, 1919, by the legislature of the State of Indiana. This institution is the successor of Moores Hill College founded in 1856 at Moores Hill, Indiana. The Board of Trustees is composed of twenty-one members—fourteen chosen by the Indiana Conference of the Methodist Episcopal Church, and seven chosen by the Chamber of Commerce of the city of Evansville. The College thus has the support of a large constituency throughout southern Indiana and of a prosperous city of nearly 100,000 people. The College is thoroughly Christian in its spirit, but under the terms of the charter the profession of any particular faith may not be required of students.

THE FIRST YEAR

The College opened September 16, 1919. The enrollment the first Quarter was 104. Of these, sixty-three were Freshmen and fifteen Sophomores. Miss Halene Busse enrolled as a Junior. The enrollment for the year at the close of the Summer Quarter stands at 303. This does not include community students, of which there have been 241. The Faculty and students have worked together harmoniously in the work of organization. High standards of scholarship have been set up. Service as the ultimate aim of attainment has been constantly kept before the students. Much remains to be done, but a creditable beginning has been made.

No event of the year has been more gratifying or significant than the recognition services held at the commencement season for the Alumni of Moores Hill College. A large number of the Alumni had responded to an invitation to send in their diplomas for endorsement. About forty were present to receive their diplomas in person. An Evansville College Alumni Association was organized, pledged to the maintenance of the standards and spirit of the old college in its new home.

The progressive spirit of the Board of Trustees has been indicated in many ways—notably in the decision at the June meeting to proceed at once with the development of

the campus and the erection of the buildings. A campus tract of seventy acres, lying just within the city limits to the east, was purchased in the spring of 1919. Miller, Fullenwider and Dowling, of Chicago, have been retained as architects and have planned a group of buildings adequate for the work of the College for many years. The action referred to above authorizes the erection at once of a main administration building and a science hall. It is the plan of the Board to have these buildings ready for use by September, 1921.

LOCATION

Evansville College is located at Evansville, Indiana. This thriving city is situated in the southwestern part of the State, not far from the center of a circle running through Indianapolis, St. Louis and Nashville. It is 287 miles from Chicago and about 250 miles from Cincinnati. It is surrounded by a rich agricultural region in three states and is the natural manufacturing and distributing center of the lower Ohio valley.

The city is easily reached by rail from all parts of the central west. Seven railroads enter the city: The Chicago and Eastern Illinois, The Southern, The Illinois Central, The Big Four, The Louisville and Nashville, The Evansville and Indianapolis, and the Louisville, Henderson and St. Louis. Evansville is also connected by traction with Princeton, Ft. Branch, Boonville, Mt. Vernon, Newburgh, Rockport, Henderson and other towns and cities in the surrounding territory.

BUILDINGS AND EQUIPMENT

Although housed in temporary quarters, Evansville College is not handicapped by inadequate facilities. The buildings and equipment available represent an investment of hundreds of thousands of dollars. Few institutions of long standing offer superior facilities.)

The work of the College is carried on in buildings as near each other as are the college buildings on any campus. Class rooms, laboratories, library and gymnasiums are all within a few steps of each other. Thus the students have their work as centralized and convenient as is the case in a college using its own buildings.

Further, these buildings are at the very heart of the city of Evansville. College Hall, which is completely utilized by the College for class-room work, is just across the street from both the great Central High School, with fifteen hundred students, and the Y. M. C. A. building. It is within a

block of the Vanderburgh County Court House. It is within two blocks of the great Coliseum and within an equal distance of the business center of the city. These buildings are also within two blocks of all traction and city street car lines. Every facility of the city is thus at the disposal of the students without the expense and time of travel to and fro.

College Hall

The class-room work of the College is done in College Hall, a new modern three story brick building on Vine Street, between Fifth and Sixth Streets. This building was erected originally for educational purposes and is splendidly appointed for College work. In addition to ample class rooms are found the library reading room, and the gymnasium, baths and dressing rooms for women. The gymnasium on the third floor is equipped with a stage and is used not only for the daily chapel exercises, but for other entertainments given by the student body.

Sweetser Hall

In the women's dormitory, known as Sweetser Hall, the young women students find an ideal home. Located on Upper First Street, within ten minutes' walk from College Hall, it is in one of the most desirable residence districts to be found in all the city of one hundred thousand people. This fine old pressed brick residence, a mansion in reality, was built thirty years ago at a cost of fifty thousand dollars. In its three stories are found twenty-two rooms, besides spacious hall-ways and cozy corners. The house is finished in such rare woods as cherry, quartered oak, mahogany, walnut and bird's-eye maple. Through its windows may be seen in the immediate neighborhood some of the most beautiful homes of the city. No better environment for this home could be found.

Sweetser Hall is under Student Government in all things outside of academic requirements. The executive body is the House Committee which consists of a House President, House Vice-President, Corridor Chairmen, Song and Yell Leader and Fire Captain.

The legislative body consists of all girls residing in the Hall; a two-thirds majority is required to make any action valid. Regular meetings are held once a week at which times dormitory questions are discussed and if necessary rules are made for the welfare of the residents. Student government has been very successful at Sweetser Hall, and the girls not only feel a pride in their home but a real satisfaction and contentment in living co-operatively.

Laboratories

(Recognizing the great expense involved in doing the plumbing to equip thoroughly laboratories for the sciences, the College makes use of the laboratories in Central High School, just across the street from College Hall. Additional apparatus has been purchased by the College.) As the work in science expands other facilities will be provided. The work done in these laboratories is in no sense high school work; it is strictly of college grade and is done under the direction of the heads of the departments on the College Faculty.

The department of Biology is housed in a large room less than a block from College Hall. Adequate equipment for this department has been provided. A considerable increase in equipment is contemplated for the coming year.)

Libraries

(In addition to the library of the College, which is housed in College Hall, the students have access to the libraries of Evansville. The central, or distributing, branch of the city system occupies rooms in the Coliseum, just a block and a half from College Hall. By arrangement between the College and the Public Library Board, a member of the city staff gives her entire time to the supervision of the College library. Books from the city are delivered at the College reading room as at the regular city branches.

In addition to the Public Library the city also has a fine asset in the Willard Library—a fine old institution, richly endowed and having on its shelves a great wealth of valuable material for the student of history, literature, philosophy and fine arts.

The staff at the Willard Library has been most helpful to both students and Faculty throughout the year. Increasingly the College will be able to make use of this collection of books and other material.

The College library is being thoroughly re-organized under the supervision of Miss McCollough, City Librarian, and of Dr. Franklin. Miss Klingholz, a graduate of the Wisconsin Library School, will give full time to library work at the College for the coming year. The various departmental collections of books are being strengthened by the purchase of the most recent works as recommended by the heads of departments.

In this connection mention should be made of two gifts to the library. The widow of Dr. Levi P. Gilbert gave to the College the greater part of the library of Dr. Gilbert.

The library consisted of valuable works in the fields of history, sociology, and biblical study, about 1500 volumes in all. A second gift came from Prof. Samuel W. Collett of the class of 1886. Professor Collett has been for several years Professor of Botany in Upper Iowa University. His gift to the College consisted of a large part of his library on Botany and Zoology. He also gave to the institution his extensive collection of Indian relics gathered from many of the western tribes.

Bosse Field

For athletic events Bosse Field is available. With its hundred thousand dollar concrete grandstand and bleachers, seating eight thousand people, and its large level field, this athletic park affords opportunities for athletic events unsurpassed anywhere. It is the policy of the school to promote to the fullest extent interclass athletic contests and to urge every student to participate therein. While intercollegiate athletics are promoted, the greatest emphasis is laid upon providing for and insisting upon the best possible physical development for every student.

Coliseum

The Coliseum, with its seating capacity of three thousand, being the largest auditorium in the State of Indiana, is available to the College for any occasions requiring large seating capacity. In this Coliseum is housed the great Centenary organ purchased by the city of Evansville from the Methodist Centenary at Columbus, Ohio. The College has an interest in the organ and the privilege of using it.

LECTURES AND ENTERTAINMENTS

The attitude of Evansville toward the aesthetic and spiritual lives of its citizens is evident from the effort to bring to the city men and women of note in their fields. Among those who addressed Evansville audiences the past year were: Hugh Walpole, Sir John Foster Fraser, John Cooper Powys, Ida Tarbell, Jessie Rittenhouse, Cale Young Rice, and ex-President Taft. Mr. Edward T. Devine delighted the students in his lectures on social topics.

Every effort is made by the College authorities to cooperate with literary and civic bodies in bringing to the city talent of the highest order.

The installation of the great municipal organ has brought to Evansville, musicians who are not often heard in cities of this size.

During the Summer Quarter Dr. Charles H. Judd, Director of the School of Education of the University of Chicago, and Dr. Elmer E. Jones, Director of the School of Education of Northwestern University, each spent a day at the College, lecturing on educational topics.

DEPARTMENT OF EDUCATION

The development of the Department of Education during the first year has been highly satisfactory. One hundred and seventy-four students have been enrolled for special courses in Education, and a number of other students have taken courses in the department. With the coming to the department as director of Professor A. S. Barr, the College looks forward to a rapid extension of the work.

Early in the Autumn Quarter, Mr. Oscar H. Williams, Supervisor of Teachers' Training in Indiana, visited the College. On his recommendation the State Board of Education accredited Evansville College for the offering of courses for teachers of classes A and B, also for the two-year course under the Vesey law leading to the elementary provisional certificate and after teaching experience to a life state certificate. Courses for class C, for the provisional high school certificate under the Vesey law, and for the provisional certificate in special subjects—music, domestic science, etc.—are outlined in this catalog. Application for recognition for this work will be made early in the year. For further information in regard to the department, the reader is referred to page 65.

DEPARTMENT OF ENGINEERING

Evansville College is definitely committed to the principle that student life should be real life. More and more the College plans to link up the instruction of the classroom with the activities of the city and the surrounding country. Not only will an attempt be made to guide young people into the right vocation, but also to establish some definite contacts with the world of men and of things.

After careful investigation and consideration the College has decided to launch this work by establishing a department of Engineering on the co-operative plan. This plan was first used by the University of Cincinnati, where it has proved highly successful. Professor Max B. Robinson, a graduate of the University of Cincinnati, and recently a member of the Faculty of the Municipal University of Akron, has been chosen as head of the department. Full announcement of the department will be found on pages 77-84 of this catalog.

DEPARTMENT OF MUSIC

Special attention is called to the plans for the Department of Music for the coming year.

Mr. Reginald W. Billin has been elected as head of the Department of Music and instructor in Voice. Mr. Billin comes from Western College, Macon, Georgia, where his work has been very successful. He received his training in London and Paris, and has back of him a record of success that guarantees the future of the Music Department of Evansville College. Prospective students especially interested in music should write for our special Music Bulletin.

Mr. James R. Gillette will continue as instructor in Organ and Mrs. Donald E. French as instructor in Piano. These instructors have already gained enviable recognition throughout southern Indiana.

COMMUNITY COURSES

During the year lectures in Literature, Home Economics, Education, Public Speaking, English Bible, French, Astronomy and Government have been given by members of the College Faculty. These lectures have been attended by citizens of Evansville who wished to keep in touch with the best thought in some field of knowledge. The members of these classes have been among the most enthusiastic supporters of the College. Two hundred and forty-one persons enrolled during the year. The College plans to continue and extend this work during the coming year, and in addition to inaugurate extension courses for communities outside Evansville.

WOMEN'S COLLEGE CLUB

One result of the enthusiasm created by the community courses has been the organization of a Women's College Club. This club, composed of a large number of the leading women of Evansville, has for its purpose the promotion of college enterprises in general and especially the opening of the homes of the city to the students, and the creation of a wholesome social life. The club has been the leading spirit in several of the most delightful social functions of the year, notably at the formal opening of the College, November 20-21, and in connection with the recognition of the Moores Hill Alumni in June. Committees of the club have also been taking an active part in making the life at the dormitories homelike. Mrs. George S. Clifford was elected the first president of the Club.

STUDENT ACTIVITIES

Students in Evansville College have peculiar advantages as regards student life. There is here all the enthusiasm of new organizations, mingled with the traditions of sixty years of history. It would be too much to say that in one year the student life could be as highly organized as is the case in older colleges. It is true, however, that such organizations as minister most directly and with most value to the development of the student have been successfully inaugurated.

Other activities will be entered upon as need for them may develop. Only those organizations, however, will be encouraged which are likely to make a positive contribution to the mental, moral or social life of the student. Students who seek only a good time, and who mistake the social activities of the campus for the serious business of hard study and the mental discipline acquired by the mastery of their studies, are not especially urged to attend Evansville College.

Young Men's Christian Association

The first intercollegiate organization of any kind in Evansville College was the Young Men's Christian Association. Within a few weeks after the opening of the College a representative of the State organization visited the institution and launched the new society. The meetings were first held on Friday evening, but it was soon discovered that many of the students found difficulty in attending evening meetings. The hour of the weekly meeting was accordingly changed to Tuesday morning at the period used on the other days for Chapel. At present forty men are members of this organization, the meetings are well attended, and through this agency the religious life of the men is stimulated and enriched.

Young Women's Christian Association

A very active Young Women's Christian Association is found in Evansville College. This was the first new association in America to be granted its charter under the new student basis. About fifty earnest Christian girls, leaders in all college activities, have pledged themselves this year to take Jesus Christ as their pattern in everyday college life. They stand ready to co-operate in solving college problems and to encourage those things in college life that help to create a high moral and religious atmosphere. The Y. W. girls, through their receptions, parties, entertainments, etc., have also contributed largely to the social life of the College.

Student Volunteer Band

World consciousness is stronger today than ever. We think of ourselves as world citizens. The obligation upon us to carry to other nations the blessings of Christianity has wider acceptance than ever before. In the Student Volunteer Band, this consciousness finds concrete expression. These young people are in training for world service. Such bands have given to missionary work many of the great leaders in that field. In Evansville College eight students are enrolled in such a band. While no pressure is laid upon any student to join such an organization, to those who have felt the call of a life of unselfish service, such a student group offers an opportunity for expression and enrichment.

Literary Societies

The advantages of the opportunity of building from the ground have not deprived Evansville College of the benefits of tradition. The enthusiasm of youth is supplemented by the value of past experience. To the school have been brought from the mother institution at Moores Hill the four literary societies that during past years contributed richly to the lives of former students.

In these societies once a week the students engage in literary programs of high excellence. The primary aim is to develop the ability to speak in public; but such training also develops self-reliance, the ability to express one's self, and is of great value in producing men and women able to cope with any situation they meet. This work is by no means the least valuable of the College course.

Around these literary societies centers much of the social life of the institution. Of the four societies, the Philoneikean with 14 members, and the Photozeteian with 12 members are for men; while the Castalian with 18 members and the Sigourneyan with 18 members are for women. In this department of student work Evansville College suffers not at all by comparison with older institutions.

Athletics

Evansville College is fortunate in its athletic opportunities. As College Hall is directly across Vine Street from the great Y. M. C. A. building, there is available for the men a thoroughly equipped gymnasium. Indeed no better appointed gymnasium may be found.

Not only have the men opportunity of the use of the building, but Mr. George B. Schnurr, Physical Director for

the Y. M. C. A., has charge of the physical training. This work is required of all men, in order that a foundation may be laid for robust health in after life.

During the winter the students developed a basketball team. While no attempt was made to compete with other colleges, the men gave a very creditable account of themselves. There is every reason to believe that another year may see Evansville College enter among the institutions of the state as a competitor in intercollegiate athletics. However, the primary stress will continue to be laid upon proper physical development of all the students, rather than upon the training of highly specialized teams of athletes.

The Crescent

One of the very first enterprises begun by the students of the College was the publishing of a paper. After much discussion the name "The Crescent" was chosen. This name was suggested by the bend in the Ohio which gives to the city of Evansville a beautiful river front curved like a great crescent.

It is doubtful if any enterprise of the new institution has achieved success beyond that of "The Crescent." It has been very ably edited by Mr. Ralph E. Olmsted, with the assistance of a competent staff. The editors and assistants meet once a week as a class in the Department of English under the personal instruction of Professor Franklin. All contributions to the paper are criticized by the class. This not only gives excellent training in journalism, but produces a paper that for genuine merit is easily among the best.

Student Government

The students of the College are organized into a Student Government Association. It is the purpose of this Association "to develop self-control on the part of its members, to promote loyalty to the College, and in particular to have charge of all matters concerning the conduct of students in their College life, except such as are withheld from the jurisdiction of the Association by the terms of the Agreement" entered into between the students and the Faculty. It is the aim of this "Agreement" to give the students real self government. All undergraduate students of the College are members of the Association and subject to the operation of the constitution. The most important legislation of the Association during the past year was the adoption of the "honor system" in examinations. The plan as adopted will go into effect at the opening of the College in September, 1920.

HEALTH

The health of the students is cared for not only by systematic physical training, but by careful medical attention. Arrangements have been made with the medical fraternity of Evansville whereby each student undergoes a thorough physical examination at least once a year by competent physicians. During the past year students by this method were made acquainted with physical defects, and by proper attention these defects in many instances were remedied.

The Board of Trustees has authorized the collection from each student quarterly of a fee of \$1.00. Thus there will be provided a hospital fund by means of which emergency cases of illness may be cared for.

A faculty committee on Student Welfare has in charge all matters pertaining to the health of students, including the administration of this fund, and also rooming conditions. Students are permitted to room only in houses approved by this committee.

EDUCATIONAL AND VOCATIONAL GUIDANCE

The College gives attention to educational and vocational guidance for all students. The plan followed comprehends three more or less distinct steps: (1) an introduction of the student to college life and a careful study of his special abilities; (2) a temporary choice of a vocation followed by a period of general preparation much the same for all students; (3) choice of a vocation and specialization. The student is aided in finding himself through (a) interviews, (b) general intelligence tests, (c) individual analysis, (d) class-room work and grades, (e) teachers' estimates.

SCHOLARSHIPS

Although the College has not yet available a large number of scholarships, a beginning has been made toward helping worthy young people by this method. Several students have been named by the donors as the beneficiaries of scholarship funds created during the campaign to establish a college at Evansville. There will be an increasing number of these scholarships as the notes mature.

Worthy of first mention in this connection is the scholarship consisting of the interest on \$1,000.00 established by President Alfred F. Hughes as a memorial to a son who died in infancy. The scholarship is known as the Alfred Elroy Hughes scholarship.

Other patrons of the College who have established scholarships by the payment in full of pledges made for this purpose are :

Mrs. Sarah E. Bozeman of Poseyville—the interest on \$1,000.00.

Mrs. Jennie A. Headen of Evansville—the interest on \$1,000.00.

Mrs. Mary B. Nichols of Petersburg—the interest on \$1,250.00.

Charles C. Kincaid of Rockport—the interest on \$1,000.00.

Alfred Pritchett of Owensville—the interest on \$1,000.00.

LOAN FUNDS

Loans for a limited amount may be obtained by members of the Methodist Episcopal Church from the Board of Education. Applicants must have the recommendation of the church to which they belong, as well as of the faculty committee on student loans.

Ex-service men may receive help from the Board of Home Missions and also from the Young Men's Christian Association. Further information in regard to these sources of aid may be had by writing to the President of the College.

PRIZES

Two prizes were announced at the commencement in June.

Dr. Samuel J. Copeland of the class of 1900 has provided a fund of \$1,000.00, the income from which is to be "disposed of annually in the form of a prize or prizes, to be given students of Evansville College under regulations prescribed by the Faculty of the College, for the promotion of interest in Classical education." The prize is to be known as the James Terrill Copeland prize.

Bishop William F. Anderson offers the sum of \$50.00 to the winners in the oratorical contest to be held at the commencement in June, 1921. The contestants must have made an average of 80 per cent. in their studies. The prizes are a memorial to the deceased son of the Bishop, Charles Paul Anderson.

SELF HELP

Evansville offers many opportunities for students to earn money to help pay college expenses.

During the past year students have waited upon tables, served as janitors, done desk work at the Y. M. C. A., and in many other ways added to their income.

The College will co-operate with students and assist them in every way possible to find positions. As a rule work is more easily obtained after the student is on the ground than before.

Attention is called in this connection to what is said about part time courses on another page of this catalog.

Students who find it necessary to give considerable time to earning their way will not as a rule be permitted to carry full work in college classes. All factors entering into a given case will receive consideration, but students may not plead the necessities of making their way as an excuse for indifferant work in their classes.

BOARD AND ROOM

The College has fitted up at considerable expense a large double house as a home for young women. This house is one of the fine old mansions of Evansville and in point of comfort is not excelled by many of the more modern dormitories. The students occupy one side of the house. Dr. Franklin, the head of the English Department, and Mrs. Franklin, Dean of Women, make their home in the other part of the house.

Room and board in this house, known as Sweetser Hall, is furnished at \$7.00 per week. This rate is subject to revision if the cost of living should make a change necessary. It is the policy of the College to furnish board at actual cost.

Sweetser Hall will accommodate about thirty students. Those who are planning to enter should make application as early as possible. Students are expected to bring the following articles: Sheets, pillows, pillowcases, bed clothing, towels, and wash cloths.

If Sweetser Hall should be inadequate for the accommodation of young women from out of town, additional provision will be made in suitable homes. Before engaging rooms outside the dormitory young women must secure the consent of the Dean of Women.

Young men will be permitted to room only in homes, which after investigation are found to be suitable. Good rooms are available in the better residence sections of the city at a cost to each of two students of from \$1.00 to \$2.50 per week. A list of approved places will be kept on file at the College office.

A group of young men known as the Excelsior Club occupy a house provided by the College. Room rent and board have cost them on the average \$6.50 per week. An

experienced matron has been secured for the coming year. Board will be furnished at the Club house to men rooming outside at \$5.00 per week.

Students may not change their rooming places without securing in advance the consent of the College authorities.

TUITION AND FEES

The following charges for tuition and fees are payable at the time of registration :

Tuition, per quarter.....	\$25.00
Laboratory Fees :	
Chemistry, per quarter.....	4.00
Zoology, per quarter.....	2.00
Physics, per quarter.....	2.00
Home Economics :	
Cooking, per quarter.....	5.00
Sewing, per quarter.....	3.00
Gymnasium :	
Men, per quarter.....	2.00
Women, per quarter.....	1.50
Library, per quarter.....	1.00
*Student Fund, per quarter.....	2.00
Special Examinations.....	1.00

Students who register for more than fifteen hours of work will be charged \$1.00 per quarter for each additional hour.

Students who register for twelve, or fewer, hours will be charged \$2.00 per credit hour, except that there will be no tuition charged of less than \$5.00.

A fee of \$1.00 is charged for registration on other than the days appointed for this purpose.

The fees for instruction in music will be found on page 88.

In case the student is compelled to withdraw before the middle of the quarter on account of illness, or for other imperative reason, \$5.00 of the fees paid are retained as an enrollment fee and \$3.00 per week for the period of attendance. After the middle of the quarter no refund will be made.

*The Student Fund is applied as follows: \$1.00 to the Hospital Fund, 50 cents to the subscription for "The Crescent", 33 1-3 cents for the support of athletics, and 16 2-3 cents for examination and test paper.

COLLEGE OF LIBERAL ARTS

TERMS OF ADMISSION

Evansville College desires as students only those young people whose school record and character are such as to indicate that they will profit by a college course. As evidence of fitness in these respects all candidates for admission are required to present certificates from the principals of their secondary schools. The certificates call for careful statements of principals as to the habits, interests and purposes of the student as manifested throughout his high school years, as well as for a record of his grades and his relative standing in his class.

All applicants for admission by certificate should write to the Registrar for an official entrance blank. This should be filled out by the Principal of the school and mailed to the College at least two weeks before the opening. It is urged that the official blank of the College be used and not that of the school. No enrollment will be regarded as completed until a satisfactory certificate is filed.

The College is more interested in the grade of work done by the student than in the particular courses pursued in the high school. For those who expect to take a regular college course, the completion of the secondary school course of four years is a minimum requirement for admission without condition. Graduates of schools accredited by state boards of education, by standard colleges, or by The North Central Association of Colleges and Secondary Schools should be able to furnish satisfactory certificates.

In general, the terms of admission to the Freshman class are those recommended by the State Board of Education of Indiana for graduation from a commissioned high school.

Graduates of a certified high school must take additional work before they can be admitted to full Freshman standing. Deficiencies may be removed: (1) by graduation from a commissioned high school; (2) by passing the equivalency examination, as set by the State Board of Education; (3) in the case of teachers by "charging back" an equivalent number of credits from work done in teachers' training courses. In no case, however, may substitution be made for the prescribed entrance requirements.

Specific Requirements

The course as outlined by the State Board of Education for commissioned high schools consists of work for four years of at least eight months each. A year's work of daily recitations in one subject is the unit of measurement. Sixteen units are required for entrance to the College. Students coming from high schools where a course of not less than nine months is maintained may be admitted on the presentation of fifteen units.)

Eleven units are prescribed and five elective, as follows:

A. Prescribed—

1. English, 3 units. English Composition and American and English Literature.
2. Mathematics, 2 units. Algebra and Plane Geometry.
3. Foreign Language, 2 units in one language. Latin, Greek, German, French or Spanish.
4. History, 1 unit.
5. Science, 1 unit in one science. Botany, Chemistry, Physics, Geology or Zoology, General Science, Physiology.
6. Two additional units selected from the above subjects.

B. Elective—5 units.

The elective credits may be from any subjects taught in the high school but it is strongly recommended that students who are preparing for college take the greater part of their credits from the prescribed subjects.

No course in science will be accepted for credit unless done with adequate laboratory facilities.

In case the student offers more than the prescribed amount of any subject, the excess may be credited to him on his college course. The College, however, reserves the right to determine whether or not the work presented for additional credit has been of such a grade as to justify the giving of advanced credit.

Candidates not presenting approved certificates may be admitted on examination. Such candidates will be required to pass on the same requirements as those admitted by certificate.

Advanced Standing

Students who come from other institutions of college grade should present letters of honorable dismissal from those institutions. They should also present full credentials for their educational work, both high school and college. These credentials should state the time the student was in attendance at other institutions, the subjects studied, the number of recitations per week, and the grades received. The amount of credit granted will depend upon the standing of the institution in which the work was done and the grade of work done by the student as indicated by his grades. In no case may a student receive more than one hundred and thirty-five hours of advanced standing toward the bachelor's degree.

Unclassified Students

Evansville College desires to be of service to all whether young or old who have discovered a need for larger educational opportunities. The College accepts as unclassified students; (1) graduates of commissioned high schools, with over one unit of deficiency; (2) students with full preparation who find it possible to give only a part of their time to college work; (3) those of more mature years who may not have completed a high school course but desire to take work in certain subjects.

Candidates of the first two groups must present certificates of their high school work. Those of the second group must satisfy the heads of the departments in which they desire to take work that they have had adequate preparation. Candidates of the third group must present testimonials as to their ability and definiteness of purpose. They will be required to pass an entrance examination in English Composition and in any other subjects, a knowledge of which is necessary to the pursuit of the subjects they may elect.

Candidates of the third group should send to the Registrar for a special admission blank. This blank should be returned to the College at least two weeks before the opening of the quarter. Failure to send in this blank in advance will be sufficient reason for refusing to enroll the applicant.

PROFESSIONAL COURSES

Many students at present are looking forward to completing a course in a profesisonal school. Such schools are more and more stressing the importance of a general education as a preparation for successful work in their specialized lines. All who can should complete a college course before entering upon a professional course. It will be the

policy of the College so to arrange its work that students of this class may have the benefits of a course in a standard college without unreasonably extending the total time given to preparation for their life work.

Students who expect to enter law, medicine, the ministry, or to make special preparation for a business career will be able to plan their work in such a way as to give them adequate preparation for specialization.

Students who are looking forward to a medical course will find the first two years of the College course meeting every requirement of those medical schools that require for entrance one or two years of pre-medical work.

The College officers will take special pains to plan the courses of such students with reference to the requirements of the particular professional college that the student expects to enter.

REQUIREMENTS FOR GRADUATION

The degree Bachelor of Arts will be conferred upon those students who comply with the requirements for graduation from the College of Liberal Arts, as set forth in the following pages.

Attention is called to the degree in Engineering given at the completion of the co-operative engineering course. (See page 80.)

Credit Hours

The term-hour is the unit of credit. This unit consists of one class exercise a week in a subject, or its equivalent, continued throughout a quarter of twelve weeks. (The student is expected to complete at least fifteen of these term-hours each quarter and is required to offer one hundred and eighty hours for graduation. In addition, work in physical education is prescribed for all students except Juniors and Seniors.)

Prescribed Studies

The prescribed studies are arranged in groups, from which the student is required to take work as indicated below.

In advising the student the Faculty will endeavor to secure a proper sequence of subjects. It will be the aim to build upon the high school course and to secure continuity

in the college course. No definite number of hours is prescribed in each group. This will depend upon the courses taken.

The groups are as follows :

GROUP I

English (language)
French
German
Greek
Latin
Spanish

GROUP II

Mathematics
Biology
Chemistry
Geology
Home Economics
Physics
Rural Economics

GROUP III

Economics
History
Literature
Political Science
Sociology

GROUP IV

Education
English Bible and
Religious Education
Philosophy
Psychology

GROUP V

Fine Arts
Music

Each student is required to pass in the following prescribed work :

1. English Composition and Oral English: English 1A and Oral English 1. Group I.
2. Two years (six quarters) of some one foreign language. Students presenting for admission as many as four years of some one foreign language may satisfy the foreign language requirement by taking one additional year (three quarters) of that language. Group I.
3. One year (three quarters) from Biology, Chemistry, or Physics. At least nine term-hours in addition from Group II.
4. One year (three quarters) from one subject in Group III. At least nine term-hours in addition from the Group. In addition Sociology 1 is prescribed for Freshmen.
5. One year (three quarters) from English Bible,

Philosophy, or Psychology or a combination of not more than two of these. At least nine term-hours in addition from the group.

6. Six term-hours from Art or Music. Only such courses may count as have been approved for credit by the committee on curriculum.
7. Physical Education, two exercises a week, is required of all students except Juniors and Seniors. Deferred or incomplete credits must be made up by students before graduation.

Major Subject

In addition to the above requirements each candidate for a degree must complete a major in some one subject of not less than thirty-six term-hours. The major subject must be chosen not later than the Spring Quarter of the Sophomore year. The choice of the student must have the approval of the head of the department in which the major is to be taken. Minors and related work will also be determined by the head of the department, and the student's program when agreed upon may not be changed except by vote of the Faculty, on recommendation of the head of the department.

Electives

The student will select in consultation with his adviser sufficient electives to make his total 180 hours. Not more than 48 hours, however, may be taken in any one department, except in departments including more than one subject. In such cases the number of hours permitted will be determined by the Faculty. Juniors and Seniors may not elect elementary courses for full credit except as determined by the head of the department in which the major is taken.

FRESHMAN AND SOPHOMORE PROGRAMS

As a rule the student must complete the prescribed work during the Freshman and Sophomore years. Entrance deficiencies must be given precedence over other subjects in the Freshman year.

For Freshmen pursuing a regular college course, the following program is suggested:

Required:

1. English Composition (English 1A), three hours a week.

2. Oral English (Oral English 1), two hours a week.
3. Introductory course for Freshmen (Sociology 1), one hour a week.
4. Physical Education, two exercises a week.

Sufficient from the following to make a total of fifteen hours (exclusive of Sociology 1 and Physical Education):

5. Foreign language, three to five hours a week.
6. Mathematics or science, four or five hours a week.
7. Three to five hours chosen from Group III or IV.

All choice of studies by Freshmen must be approved by a member of the Faculty assigned to that work. Those who expect to teach before completing a college course will find it necessary to substitute work in Education for certain subjects indicated above. Other modifications will be necessary in the case of students who plan to take up a technical course.

Sophomores will be expected to complete their group requirements. They will continue work in physical education. They must choose their major subject not later than the Spring Quarter, and, with the advice of the head of the department in which the major is taken, make out their programs for the remainder of the course. Changes in this program when once made out will not be permitted except by vote of the Faculty on recommendation of the head of the department in which the major is taken.

CLASSIFICATION OF STUDENTS

Students who are graduates of a commissioned high school, or have completed an equivalent course, and have not more than one unit of condition will be given Freshman classification. Those who have credit for forty term-hours of collegiate work, with all entrance requirements met, will receive Sophomore standing. In order to receive Junior or Senior standing the student must have credit for ninety and one hundred and thirty-five hours respectively.

SCHOLARSHIP STANDARDS

Grades are reported at the close of each quarter according to the following schedule: A plus, exceptional; A, excellent; B, good; C, fair; D, inferior; E, conditioned; F, failure. Teachers who so desire may report a minus or plus B or C.

D is the passing grade. In order to receive credit for a subject in which grade E has been received, the condition must be removed by a special examination taken within two weeks of the opening of the quarter following.

For each hour reported according to the above schedule the student receives the following value in points: A, three points; B, two points; C, one point; D, no point; E, minus one point; F, minus two points.

To be eligible for graduation the candidate must meet the following requirements: First, he must have credit for 180 term-hours. Of these, 120 hours must be of the grade C or above, and three-fourths of the major must be of the grade B or above. Second, he must have credit for an aggregate of 180 points.

At the middle and close of each quarter the student will receive a report of his standing. If he has received at the mid-quarter a grade of D, or below, in any subject, a report is sent to the parent. At the close of each quarter a report of all grades is sent to the parent, and at the close of the first and third quarters to the high school from which the student comes.

Honors

Honors are conferred at graduation upon those students who make a high record for scholarship. Those who have to their credit 100 hours of Grade A and 50 of grade B will be graduated with honors (*cum laude*). Those who have to their credit 150 hours of grade A will be graduated with high honors (*magna cum laude*).

COURSES OF INSTRUCTION

The studies in the College of Liberal Arts, as outlined at present, are described in the pages following. It is not the policy of the College to multiply courses, but rather to meet the legitimate demands of those seeking a liberal education. The Faculty believes that a few courses well taught and thoroughly mastered by the student are preferable to the confusion arising from the necessity of choosing from a great number of unrelated subjects. It is believed that the courses following furnish the essentials of a four-year curriculum.

Unless otherwise stated in the description, courses are open not only to the class indicated but to students of a higher rank. Courses are not open to students of a lower rank than the class indicated.

In laboratory courses, unless otherwise indicated, two hours of laboratory work are counted as equivalent to one hour of recitation. The fees for laboratory courses will be found in the schedule of expenses, page 30.

Unless otherwise indicated courses extending over two or three quarters are to be regarded as continuous courses, and the course must be completed to count toward graduation.

Courses enclosed in parentheses () will not be offered during the first three quarters of 1920-21. The College reserves the right to withdraw courses for which the enrollment may not justify the organization of a class.

Further announcement of courses for the Spring and Summer Quarters will be made in the mid-year bulletin.

The courses in this catalog are arranged alphabetically with reference to the study, not with reference to departments.

AGRICULTURE

Courses in elementary Agriculture will be offered in the Spring and Summer Quarters for those who are preparing to teach. Attention is called in this connection to courses in Rural Sociology outlined under the department of Sociology.

ART

A course in drawing, two hours a week, is offered for teachers who are preparing to teach in the elementary schools. More advanced courses will be available as the demand may increase.

BIBLICAL LITERATURE AND RELIGIOUS EDUCATION

1. Geography of Biblical Lands.

A survey course dealing with the geography, geology, topography, and other physical aspects of the biblical world.

Open to Freshmen and Sophomores. Two hours, Quarters I, II.

2. The Religions of the World.

A genetic and historical study of the leading religious faiths of mankind, with special emphasis upon their adequacy as world religions when compared with Christianity.

Open to Freshmen and Sophomores. Three hours. Quarters I, II.

3. Old Testament History.

A thorough study of the political, social and religious history of Israel to the Exile. This course will lay a foundation for all subsequent Bible study.

Open to Sophomores and Juniors and to such Freshmen as have had work in Ancient History. Three hours, Quarters I, II, III.

4. History of Judaism.

This is a continuation of Course 3 and deals with the history and literature of exilic and post-exilic Judaism, 586-4 B. C., with special emphasis upon the origin and development of such parties and thought movements as influenced the people with whom Jesus had to deal.

Pre-requisite: General familiarity with the earlier history of the Hebrews. Three hours. Quarters I, II.

5. Introduction to the New Testament.

A study of the distinctive characteristics of the New Testament books. The Synoptic Problem and the Johannine Problem will be considered. An attempt

will be made to discover the point of view and the purpose of the principal New Testament writers, and a study will be made of the formation of the New Testament canon.

Open to Sophomores. Two hours. Quarters II, III.

(6. **Life of Christ.**

As far as possible the biographical outline will be followed, but stress will be laid upon the fundamental problems and questions incident to the life.

Open to Sophomores. Three hours.)

(7. **The Prophets of Israel.**

A study of the development and meaning of the prophetic movement in Israel, of the place of the prophet in the political, social and religious life of his times, and of the significance of the Hebrew prophet for modern problems and issues.

Pre-requisite: Adequate preparatory work such as is covered by Course III. Two hours. Quarters I, II.)

8. **Life of Paul.**

An attempt will be made to relate the Apostle to the immediate religious and social questions and movements of the time, and to understand his personality, movements, methods, ideals, and success.

Two hours. Quarter I.

(9. **Principles of Religious Education.**

A study of the principles underlying the practical work of religious education in the home, in society, in the local church, and in advanced religious education.

Open to Sophomores. Two hours.)

10. **The Organization and Administration of the Church School.**

This course will provide an understanding and appreciation of the functions and relationships of the local church school, as well as a study of its administrative organization, its building and equipment, its growth, discipline and development.

Open to all. Two hours. Quarter I.

(11. Seminar.

For directors of religious education. Central Problem: The organization and administration of the local church school. The various aspects of this problem will be investigated and reported upon by the members of the Seminar.)

12. Organization and Materials of Religious Education.

This course will survey the field of religious education in America, taking account of its present status, problems, and relationships. A study will be made of its place in a democracy, and a review of the chief agencies now in the field will be conducted.

Two hours. Quarter II.

13. The Social Institutions of the Bible.

A study from the original sources of the domestic, economic, political and religious institutions of the Hebrews, covering such subjects as the family, education, slavery, industry, justice, festivals, and the synagogue.

Pre-requisite: A general knowledge of the Hebrews, such as is covered by Course III. Two hours. Quarter III.

(14. The Teachings of Jesus.

After reviewing the sources the class will ascertain and investigate the cardinal ideas of Jesus. What did he teach as to the nature of God, of sin? What were his ideas of prayer, of salvation, of the church? What did he teach about the second coming?

Pre-requisite, Course III, or V, or VI. Two hours.)

15. Hebrew Poetic Literature.

The place of poetry in the Bible, with attention to its structure, form and ruling ideas. Poetry as a means of worship; the antiphonal psalms; the composition of the Book of Psalms.

Two hours. Quarter III.

(16. The Religion of Protest.

The breaking up of the mass idea in religion and the appeal of the individual for recognition. Various books will be used, such as the Book of Job, Prometheus Bound, Prometheus Unbound, etc.

Open to Juniors and Sophomores. Two hours.)

(17. The Origin of Christian Doctrine.

A study of the Christian thought in the first century as influenced by Judaism and by the current religions and philosophies of the Graeco-Roman world.

Pre-requisite, Course IV. A working knowledge of Greek and Roman history will be valuable. Open to Sophomores and Juniors. Two hours.)

(18. The Bible in the Church.

A study of the development of the canon and of the history of the Bible, including versions, from the earliest times to the present. Some attention will be paid to other sacred books but for comparative purposes only. The English versions will receive special attention.

Two hours.)

(19. Biblical Hermeneutics.

An investigation, with practice, of the principles of biblical interpretation. Sound and unsound methods of Bible study will be discussed.

Pre-requisite: a working knowledge of biblical history and literature. Two hours.)

(20. Modern Religious Thought.

A review will be made of religious thought in general, with special attention to present-day developments in America and abroad and an attempt will be made to relate them to the principle of progressive orthodoxy.

For advanced students only. Two hours.)

(21. Christian Ethics.

A review of the problems of moral and ethical relationships in the light of the Christian faith. The ideality of ethics; the revelation, contents and realization of the moral ideal; duties toward self and others.

For advanced students only. Two hours.)

BIOLOGY

(See Botany and Zoology)

BOTANY

(1. General Botany.

A course in the study of the plant in general—its structure, its functions and the laws of growth. The cell as the unit of structure and action will receive special attention. Typical plants from the lowest to the highest will be studied. Ecological factors also will be considered.

Open to Freshmen and Sophomores. Three hours a week. Quarters I, II, III.)

CHEMISTRY

1. Chemistry.

This course includes the study of the more common elements and compounds, the laws of combination and the relation of these to the affairs of men. Open to beginners as well as those who have had one year in the high school. The latter will be given new experiments, so that they will not repeat their high school laboratory work.

Five hours, three class exercises and four hours in the laboratory. Quarters I, II, III.

2. Qualitative Analysis.

This course consists of the analysis of waters, soils and common rocks. A brief history of chemistry will form a part of the class work.

Pre-requisite Chemistry 1. One class exercise and four hours in the laboratory—a three-hour credit. Quarters I, II, III.

(3. Organic Chemistry.)

(4. Quantitative Analysis.)

ECONOMICS

1. Principles of Economics.

This course undertakes a comprehensive study of economic theory. Among the topics considered are the nature of wealth and the present processes and conditions of its production, the factors of production and the principles of productive efficiency, the fundamentals of trade, the laws of price, and the principles of money and foreign exchange.

This course is not open to Freshmen. Five hours. Quarter I.

2. Principles of Economics.

This is a continuation of Course I of the Autumn Quarter. It treats of the nature and origin of interest, the laws of rent, the principles of wage determination, and the theory of profits. Some attention will be given to the application of the principles studied in this and the preceding course, to such economic questions as the tariff, business cycles, immigration, and transportation.

Five hours. Quarter II.

(3. Economic History of the United States.

The emphasis in this course is placed upon the later periods. The aim is to show the working of economic principles in American industrial history.

Pre-requisite, Economics 1. Five hours. Quarter III.)

4. Industrial Combinations.

This is a study of the rise and development of corporations, trusts and monopolies, special attention being given to the question of government regulation of industry. The effect of industrial combinations upon efficiency, wages, profits, and prices is discussed. Some phases of the more important trust legislation are considered.

Pre-requisite, Economics 1. Four hours. Quarter II.

5. Labor Problems.

This course traces the labor movement in the United States from its early beginnings to the present time. It includes the story of the origin of the trade union, the tactics of labor, its political experiences, the effect of the Civil War and the important panics, the rise of the American Federation of Labor, revolutionary philosophies and methods, and the part of labor in the World War.

Pre-requisite, Economics 1. Four hours. Quarter III.

6. Money and Banking.

This course undertakes a more intensive study of the principles of money than is possible in the elementary course. It includes a brief survey of the history of money and banking in this country, with special attention to the theories of bimetallism. A

careful study is made of the functions of the modern bank and problems of foreign exchange. Particular attention is given to the Federal Reserve system.

Pre-requisite, Economics 1. Four hours. Quarter III.

EDUCATION

Students in the College of Liberal Arts may elect courses in Education to meet both group requirements and the requirements of a major. For a full outline and description of the courses offered, see page 71 of this catalog.

ENGINEERING

See Page 77.

ENGLISH

In announcing the following courses in English Composition and Literature, this department is conscious of their incompleteness. The College is new and courses will be added to meet the needs of advancing students. A student majoring in English can have courses in Anglo-Saxon, Middle English, Chaucer, Eighteenth and Nineteenth Century prose and the Novel.

Another course through the year will be offered in English Literature if the demand should justify.

A—English Composition

1A. Elementary Composition.

The purpose of this course is to teach the student the underlying principles of correct and effective expression, and to prepare him for the courses in Oral English, and advanced composition and literature. Emphasis is laid upon the mechanics of writing; upon the fundamental usages of Grammar; upon clear and logical thinking; upon the methods of narration, description, exposition, and argument, and upon unity, coherence and force as applied to sentences, paragraphs, and the whole composition. The work will consist of discussions, daily short themes or exercises, occasional long themes, and assigned readings from current magazines and other vital literature. These readings will consist of Essays, Articles, Biographies, Editorials, Sketches and Short Stories.

This course is required of Freshmen. Three hours. Quarters I, II, III.

2A. Magazine Writing.

The purpose of this course is the preparation of manuscript suitable for publication. Two kinds of writing popular in the magazines, the long article and the short-story, will be studied and practiced under criticism. Considerable reading of magazines will be required and constant comparisons made to the same forms of recognized masterpieces in literature.

This course will correlate with Oral English 2, in which the articles will be adapted to platform presentation.

Open to all students who have satisfactorily completed English 1A. Three hours. Quarters I, II, III.

B—English Literature

1B. Types of English Literature.

In this course the development of the different forms of English Literature will be studied, through the outstanding masterpieces of each. The purpose of this course is three-fold: to familiarize the student with the greatest English writers; to bring him to associate the lives of these writers with their chief works; and to make clear to the student the abiding forms and qualities of literature as found in these works, and why they live. As far as practicable the readings will take into account recent examples of each type for the purpose of comparison and contrast of forms and qualities.

Elective for Freshmen and Sophomores, and a pre-requisite for advanced courses in English Literature. Three hours. Quarters I, II, III.

(2B. Contemporary English and American Literature.

The purpose of this course is to familiarize the student with the chief works of the writers of the present: the short-story, the drama, and poetry will receive attention.

The first quarter considers English and American short stories.

The second quarter takes up English and American drama.

The third quarter confines itself to English and American poetry.

Three hours. Quarters I, II, III.)

(3B. American Literature.

In this course the history and development of American Literature as a branch of English Literature is studied. First there is a rapid survey of the writings of the Colonial period, with particular emphasis on the quality of the literary output as compared with the English of the same period. Secondly, the National period is carefully studied, with special stress on poetry. Thirdly, the essays and fiction of the National period are undertaken.

Three hours. Quarters I, II, III.)

5B. Shakespeare and His Plays.

This course attempts to acquaint the student with first, the massiveness of Shakespeare's work, wherein is studied the field covered—nations, national traits, periods of history, and the astonishing number of characters created; and secondly a clear notion of his power as a poet and dramatist through a detailed study of at least four plays.

During the first quarter the study will include the work of Shakespeare in the large. In the second and third quarters a careful study of individual plays is required, not fewer than two plays for each quarter.

Three hours. Quarters I, II, III.

English 5B will alternate annually with English 3B.

(6B. The Romantic Poets.

The poetry of Wordsworth, Coleridge, Shelley, Keats, Byron, Tennyson, and Browning is considered in this course. Each student is required to make himself master of at least one of these poets, and to make an exhaustive report on his study. Criticism is the secondary aim of the course.)

(7B. Old English.

In this course Old English Language and Literature will be studied.

Three hours. Quarter I.)

(8B. Beowulf.

This course is a continuation of 7B, which is a pre-requisite. The main purpose of the course is the reading understandingly of Beowulf in the original.

Three hours. Quarter III.)

(9B. Chaucer.

Middle English language and literature, with special emphasis on Chaucer will be studied in this course.

Three hours. Quarter III.)

ENGLISH—ORAL

The Department of Public Speaking is correlated with the English Department after the plan adopted by Harvard in 1915 and is known as Oral English. The first year's work is required of all Freshmen and is correlated with English 1A. The Freshmen themes of English 1A are corrected and then taken to the Oral English Department where they are made into speeches and delivered from the platform.

The following courses are for two years only. The full four year course will be added as required.

1. Elementary Public Speaking.

This course deals with the physiological and scientific principles of sound utterance; with quality, force, pitch and time as generic elements; with pronunciation, articulation, breathing, and the response of the body to thought.

This course is required of all Freshmen, and is a pre-requisite for all other courses in the department. Two hours. Quarters I, II, III.

2. Interpretation.

This course is correlated with English 2A and is concerned with the application of the principles of public speaking to the interpretation of selections from literature. It also deals with original topical speeches, adapted from the magazine articles written in English 2A.

Pre-requisites, Oral English 1 and English 1B. Two hours. Quarter I.

3. Interpretation of Poetry.

This course consists of lectures on the different forms of poetry, with special attention to the nature of each, and the interpretation of these forms. At the close of the course, each pupil must have mastered one poet, to the extent that he is able to interpret to an audience for one hour the poet's life and works.

This course correlates with the second quarter of English 1B.

Pre-requisites, Oral English 1 and English 1B. Two hours, Quarter II.

4. Interpretation of Drama.

This course consists of character study and impersonation; the interpretation of scenes and acts from the drama, outside of Shakespeare; and the platform presentation of one-act plays.

Pre-requisites, Oral English 1 and English 1B.
Two hours. Quarter III.

5. Oratory.

This course consists of the text book study of the History of Oratory; the writing and delivering of civic, panegyric and subject orations, critiques, etc.

Two hours. Quarters I, II.

FRENCH

(1. Elementary French.

Elementary French grammar, followed by a reader and easy tasks. Written and oral exercises. Practice in hearing and speaking French. Much attention is given to the pronunciation.

In this first year's course the aim of the instructor is to give the student the principles of French grammar, a reading knowledge of texts of moderate difficulty, instruction in practical phonetics and ability to handle easy conversational phrases.

Open to students who have not presented French for admission. Five hours. Quarters I, II, III.

2. Second Year French.

Rapid review of elementary grammar; advanced grammar, syntax and composition; reading of selections from nineteenth century authors. Increased use of French in class.

Pre-requisite, French 1, or two years of high school French. Three hours. Quarters I, II, III.

3. Third Year French.

Readings from representative authors of the seventeenth, eighteenth and nineteenth centuries; advanced composition weekly. This course is conducted in French as far as possible.

Pre-requisite, French 1 and 2. Three hours. Quarters I, II, III.

(4. Fourth Year French.

A survey of French literature with readings from classic and modern authors. Conducted in French.

Pre-requisite, French 3. Three hours a week. Quarters I, II, III.)

5. The French Novel.

A rapid survey of the French novelists of the nineteenth century with reading of typical works.

Three hours. Quarter IV.

6. Moliere.

A study of the great French author of comedy and his main plays.

Three hours. Quarter IV.

GERMAN**1. First Year German.**

Elementary grammar and prose composition; special training in pronunciation and simple conversational German; reading of about two hundred pages of German prose, with conversational exercises and composition based on texts read.

Open to students who have not presented German for admission. Five hours. Quarters I, II, III.

2. Second Year German.

Grammar, composition and conversation. Reading of prose works of representative authors of the nineteenth century. The recitations will be conducted as far as possible in German.

Pre-requisite German 1, or two years of high school German. Three hours. Quarters I, II, III.

3. Third Year German.

Studies in the German novel with a view to building up an extensive reading vocabulary in German. Selections from the writers of the Romantic School, also from the realistic and modern writers.

Pre-requisite, German 1 and 2. Three hours. Quarters I, II, III.

GREEK

1. Elementary Greek.

Beginning Greek. Open to students who have had some preliminary training in the study of foreign language.

Five hours. Quarters I, II, III.

2. Xenophon and Homer.

"Anabasis" and Prose Composition. Homer's "Iliad." Study of Homeric style and verse.

Pre-requisite, Greek 1. Five hours. Quarters I, II, III.

4. New Testament Greek.

Pre-requisite, Greek 1 and 2. Three hours. Quarters I and II.

5. Plato, Herodotus, Euripides.

First quarter, the Apology of Plato. Second quarter Herodotus, Book VII. Third quarter, Euripides, Iphigenia in Taurus.

Pre-requisite, Greek 2. Three hours. Quarters I, II, III.

(6 and 7. Junior-Senior Courses.

The selections will vary from year to year. The list will include Thucydides, Aeschylus, Sophocles, Aristophanes, Plato, Theocritus and other Greek writers.

Pre-requisite, Greek 5. Three hours. Quarters I, II, III.)

HISTORY

1. European History.

A survey of the mediaeval period followed by a more thorough study of the modern period. History 1 is a pre-requisite to the other courses in History unless the student can satisfy the instructor that he has had equivalent previous training.

Open to Freshmen. Five hours. Quarters I and II.

1a. European History.

The nineteenth Century.

Five hours for one Quarter. Quarters III and IV.

(2. English History.

A general survey of English History to the close of the nineteenth century. Emphasis is placed on the development of English institutions.

Pre-requisite, History 1, or other introductory course. Three hours. Quarters I, II, III.)

3. American History.

Careful survey of American History with special reference to social and economic facts.

Pre-requisite, History 1, or equivalent. Five hours. Quarters I and II. Repeated in Quarters III and IV.

4. American Constitutional and Political History.

A study of American history (1) from the standpoint of the development of the Constitution, and (2) from the standpoint of political life and problems.

Pre-requisite, History 3, or equivalent. Five hours for two quarters. Quarters III and IV.

5. The Renaissance and Reformation.

A study of these movements during the fourteenth, fifteenth and sixteenth centuries.

Pre-requisite History 1. Five hours. Quarter I.

6. The Industrial Revolution.

A careful study of the Revolution in England—its causes, progress, and results in economic and social life. Attention is also given to the industrial development in other European countries and in America.

Pre-requisite, History 1 or 3. Five hours. Quarter II.

7. International Law.

A survey of the development in theory and practice of International Law.

Pre-requisite, History 1 or 3. Five hours. Quarter III.

HOME ECONOMICS

The department of Home Economics offers courses to meet the needs of three classes of students: those who wish to learn the process and principles of home-making, those who wish to major in Home Economics, and teachers who

are candidates for the Special Two-Year Certificate. Teachers and those who take Home Economics as a major subject should plan their work to include related courses in other departments. They should, therefore, confer with the head of the department of Home Economics before deciding upon their programs.

1. Foods.

General principles of food and cookery involving a study of the occurrence, production and manufacture of food materials, their composition as it affects their food value and their preparation in the home.

The laboratory work is planned to develop skill in manipulation and in the application of scientific principles. Field trips are taken to study market conditions.

Three lectures and two laboratory periods a week. Five hours. Quarters I, II.

2. Foods.

Batters and doughs; meal plans and table service.

Pre-requisite, Home Economics, 1. Five hours. Quarter III.

3. Clothing.

A study of textile materials, their history, manufacture and use. The laboratory work includes shopping trips for the choice of materials, a study of all sewing processes and their application in the making of garments.

The work of the second quarter includes the Chemistry of textiles, dress-making and the principles and application of laundry work.

Open to students who have had some elementary work in the high school. Three lectures and two laboratory periods a week. Five hours. Quarters I, II.

(4. Millinery.

Pre-requisite, Home Economics 3. One lecture and two laboratory periods a week—a three-hour credit.)

5. Clothing.

Advanced dress-making; history of costume; costume designing.

Pre-requisite, Home Economics 3. Three lectures and two laboratory periods a week—a five-hour credit. Quarter III.

6. Food.

Diet in health and disease. Invalid cookery.

Pre-requisite, Physiology and Home Economics 1 and 2. Two lectures and two laboratory periods a week. Four hours. Quarter III or IV.

7. Hygiene, Home Nursing, Care of Children.

Pre-requisite, Home Economics 1 and 2. One lecture and two laboratory periods a week. A three-hour credit. Quarter III or IV.

(8. The House.

Plans; sanitation; decoration; management.

Pre-requisites, Chemistry 1, Zoology 1, some work in Art. Two lectures a week—a two-hour credit.)

9. Household Accounting.

Business accounts and customs. Household budgets.

Pre-requisite, Home Economics 1 and 3. Two hours. Quarter III.

(10. Practice House.

This course will be given in connection with a model house in which college women can have the actual experience, under the supervision of a teacher, of managing and doing the work connected with home-making.

Pre-requisites, Home Economics 1, 3, 7, 9 and certain courses in other departments.

The credit for this course will depend upon the amount of time and work given to it.)

(11. History of the Family.

Survey of the field of woman's activities. The relationship of Home Economics to social and civic welfare.

Pre-requisites, Home Economics 1, 2, 3, 9 and History 1. Three lectures a week.)

12. Foods and Clothing.

A survey course intended to inform the student in regard to the fundamentals of household economy.

Open to both men and women. Three hours a week. Quarter III.

13. The Problems of the Rural School.

The course will deal with such subjects as sanitation and hygiene, heat and ventilation, the noon period, the school lunch, methods for making the school attractive. The school as a community center, parent-teacher clubs, school entertainments, etc., will receive attention.

Three hours a week. Quarter III. Repeated in Quarter IV.

14. General Principles.

A survey course of the principles underlying food, clothing, shelter, and the wise expenditure of income. The course is planned especially to create and develop ability in the correct use of necessities of everyday life.

Five hours. Quarter IV.

LATIN

1. Elementary Latin.

This course is designed to give a complete mastery of pronunciation, inflection, syntax and all other elements necessary for accurate and intelligent reading of Caesar.

Open to all students. Five hours. Quarters I, II.

2. Caesar.

The Gallic War. This course lays emphasis on the art of translation. Considerable attention will be devoted to the art of warfare in antiquity, and illustrated lectures will be given.

Pre-requisite, Latin 1. Five hours. Quarter III.

3. Cicero; Vergil.

The course in Cicero's orations aims to assist the student to read more rapidly, and to overcome special weaknesses.

In the study of Vergil's "Aeneid", stress will be laid on careful translation. Attention will be given to metres, poetic form and phraseology, mythology, and other collateral subjects.

Pre-requisite, Latin 1 and 2 above, or two years of high school Latin. Five hours. Quarters I, II, III.

4. Cicero; Livy.

First quarter, Cicero, De Senectute, with review of fundamentals of Latin Grammar. Second and third quarters, Livy Books I and XXI.

Pre-requisite, Latin 1 and 2 and the first quarter of Latin 3, or three years of high school Latin. Five hours. Quarters I, II, III.

5. Cicero; Horace; Catullus.

First quarter, Cicero, Selections from the Letters. Second and third quarters, Horace, Odes and Epodes, and Catullus.

Pre-requisite, Latin 4. Three hours. Quarters I, II, III.

(6. Horace; Plautus; Terence.

First quarter, Horace, Satires. Second quarter, Plautus, Comedies. Third quarter, Terence, Comedies.

Pre-requisite, Latin 5. Three hours a week. Quarters I, II, III.)

(7. Pliny, Tacitus, Juvenal.

First quarter, Pliny's Letters. Second quarter, Tacitus, Agricola and Germania.

Pre-requisite, Latin 5. Three hours. Quarters I, II, III.)

8. Private Life of the Romans.

This course aims to reconstruct through literary and archaeological evidence a picture of the private life of the Romans. Illustrative material will be employed such as post cards, photographs, slides and coins. This course is arranged especially to meet the needs of those who expect to teach Latin.

MATHEMATICS**0. Plane and Solid Geometry.**

The course is of high school grade and is given for those who are conditioned in Mathematics. No credit is given toward graduation. The work will consist of Plane or Solid Geometry, or of both, as the needs of the class may determine.

Five hours a week for the Autumn Quarter and for other quarters if the demand should justify.

1. College Algebra.

Pre-requisite, high school Algebra and Plane Geometry. Four hours. Quarter I.

2. Trigonometry.

Pre-requisite, Mathematics 1. Four hours. Quarter II.

3. Analytical Geometry.

Pre-requisite, Mathematics 1 and 2. Four hours. Quarter III.

4. Analytical Geometry and Calculus.

Pre-requisite, Solid Geometry and Mathematics 1, 2 and 3. Four hours. Quarter I.

5. Advanced Calculus.

Pre-requisite, Mathematics 4. Four hours. Quarters II, III.

6. Differential Equations.

Pre-requisite, Mathematics 1-5. Four hours. Quarters I, II.

(7. Theory of Equations.

Pre-requisite, Mathematics 1-5. Two hours. Quarters I, II.)

(8. Solid Analytics.

Pre-requisite, Mathematics 1-7. Four hours. Quarters III.)

9. Modern Geometry.

Pre-requisite, Mathematics 1-5. Four hours. Quarter III.

10. Descriptive Astronomy.

Systems of reference; study of the visible wonders of the heavens. Presented from the historical point of view.

Pre-requisites, Mathematics 1, 2, 3. Three hours, Quarters I, II.

MUSIC

The announcement of the department of Music will be found on page 85. Candidates for a degree are permitted to elect courses in Music to the amount of eighteen term-hours. These courses may not be of a technical or professional character.

PHYSICAL EDUCATION

Two years of work, two exercises a week, are prescribed for all students who are candidates for a degree or for the provisional certificate in Education.

Physical training for men is given in connection with the city Y. M. C. A. The physical director of the Association has charge of the work. For a small fee the young men receive not only excellent instruction in Physical Education and efficient direction of their athletic activities, but also certain privileges such as the use of the swimming pool, in the Association building.

The work in physical training for women is given by Dean Franklin, and is open to all women of the College. A general course is given in the first year followed by a more specialized course the second year.

The following is an outline of the work for the first year :

First Quarter.

Elementary exercises for the different muscles of the body—standing, walking, military drills, medicine ball, and kindred exercises. Two hours a week for the Autumn Quarter.

Second Quarter.

The work of the Autumn Quarter is continued with added activities. Club Swinging, Dry Swimming, Indoor Basketball, Massage. Two hours a week for the Winter Quarter.

Third Quarter.

Playground Course. This course takes up the study of playground construction, supervision, and such activities as games, folk songs and dances of all nations. The course will end in a Play, Festival or Pageant at the close of the Spring Quarter.

PHYSICS

1. General Physics.

A course covering the subjects of mechanics, sound and heat, magnetism and electricity. Mechanics is presented in the Autumn Quarter; sound and heat, in the Winter Quarter; electricity, in the Spring Quarter; light, in the Summer Quarter.

Open to students who have not had Physics, and to those whose high school preparation has not

been sufficient to enable them to take up the more advanced courses. Three lectures a week. Quarters I, II, III, IV.

2. Laboratory Physics.

This course supplements Physics 1, but is to be registered for separately. It may be taken as a separate course when the student has had the work in Physics 1, or its equivalent.

One two-hour period a week in the laboratory. Quarters I, II, III, IV.

1a. Elementary Mechanics.

A more advanced study of Mechanics than that given in Physics 1. The course is preparatory to Physics 3, and is especially designed for prospective engineers.

Physics 1 and Mathematics 1, 2, and 3 are pre-requisites. Mathematics 4 must have been completed or must be taken simultaneously with the course.

Three hours. Quarters I, II.

3. Analytical Mechanics.

Pre-requisite, Physics 1 and 2 and Mathematics 1, 2, 3, 4. Three hours. Quarters I, II.

(4. Physical Theory of Music.

The course is essentially one in Sound, but takes up in addition to the problems of tone production, resonance, and practical acoustics.

Especially for students in Music, but open to any college student.

Four hours. Quarter I.)

(5. Mechanics of Flight.

The aeroplane and balloon—their history and development; their basic principles shown by models and slides.

Pre-requisites, Physics 1, 2 and 1a and Mathematics 1, 2, 3 and 4. Three hours. Quarter II.)

6. Household Physics.

Especially for students in Home Economics, but open to others who may want a brief course in Physics. Two hours. Quarters I, II, III.

PUBLIC SPEAKING

(See English).

RELIGIOUS EDUCATION

(See Biblical Literature).

SOCIOLOGY**1. College Introduction.**

The aim of this course is to aid the student in properly relating himself to the conditions of college life. It also looks beyond the college period to the life work of the student. The course will be given by members of the Faculty and by others especially equipped to deal with certain topics. A considerable part of the course will be devoted to personal hygiene. Attention of a definite sort will be given to vocational guidance. The reading of books dealing with the topics discussed will be required.

The course is a requirement for all Freshmen. One hour a week for a year. A credit of one hour will be given to those who satisfy the requirements of the course.

2. Principles of Sociology.

This is a systematic study of the underlying principles of social science. It begins with personal relations in their simplest and most direct forms and proceeds to the more complex forms of association. The development of some of the fundamental social institutions is discussed for the purpose of a rational interpretation of existing society. The plan is to get an understanding of the principles involved in the solution of the problems considered in Course 3, which follows this course.

Owing to the fact that a separate course in Social Psychology is not given this year, several lectures upon that subject will be given in connection with this course. This course is not open to Freshmen.

Five hours. Quarter I.

3. Social Pathology.

The subject matter of this course is the struggle for higher levels of human living. Some of the topics studied are poverty, charity, crime, degeneration, eugenics, immigration, dissipation, urban and rural conditions, questions relating to the family and to social education.

Pre-requisite, Sociology 2. Five hours. Quarter II.

4. Rural Sociology.

This course is a presentation of rural life from its social point of view, its significance, conditions, and possibilities. Some of the topics which will be considered are as follows: the relationship of Rural Sociology to other sciences; the physical factors in rural life; rural social psychology; the problems of dependents, defectives, and delinquents; the city drift and consequent labor shortage; rural recreation, health and sanitation; family life; rural politics; and the work of the church, school, and other social agencies in the country. Opportunity will be given for the making of rural social surveys.

Pre-requisite, Sociology 2. Five hours. Quarter I. Repeated in Quarter IV.

(5. The Family.

This course is a thorough study of the family in its social aspect. It treats of the origin and development of the polyandrous, polygamous, and monogamous families. The problems of the existing family life are discussed in the light of its history.

Pre-requisite, Sociology 2. Five hours. Quarter II.)

6. Municipal Problems.

Among the problems considered in this course are those of housing, sanitation, public health, delinquency, alcoholism, prostitution, vagrancy, child welfare, and vocational guidance. The growth of community consciousness is shown by the development of the public health movement and other welfare agencies and the increased emphasis upon the socializing aspects of religious and educational institutions.

Pre-requisites, Sociology 2. Five hours. Quarter III.

SPANISH

1. First Year Spanish.

Elementary grammar and reading course. Pronunciation, forms, idioms, translation, composition. Drills in verb forms and idioms. Spanish is used in the class room as far as possible.

Open to students who have not presented Spanish for admission. Five hours a week. Quarters I, II, III.

2. Second Year Spanish.

Continuation of Grammar. Emphasis on composition and conversation. In the third term commercial Spanish. Readings in class of novels from modern authors.

Pre-requisite, Spanish 1, or two years of high school Spanish. Three hours a week. Quarters I, II, III.

(3. Third Year Spanish.

An advanced course for students who have shown special aptitude and who desire to specialize. Emphasis is placed upon Spanish derivation and composition. Three novels and three dramas representative of the most important periods of Spanish literature are read.

Three hours a week. Quarters I, II, III.)

ZOOLOGY

1. General Zoology.

This course is a fundamental one in animal life. It will include the intensive study of a few animals so as to give an understanding of their habitat, morphology, physiology and reproduction. From this knowledge can be deduced the general laws of life, the relationships of living things and the significance of these in human affairs. This will be a course for all students in Zoology regardless of their ultimate purposes. Those pursuing the course in Education will take up another subject the second quarter. All other students will continue in Zoology throughout the year.

Open to Freshmen and Sophomores. Five hours a week—three class exercises and four hours in the laboratory. Quarters I, II, III.

2. Physiology.

This is a study in human anatomy, physiology, hygiene and sanitation for the students who are in the Department of Education and have taken Zoology 1.

Five hours a week—three class exercises and four hours in the laboratory. Quarter II.

3. Embryology.

This course will include a study of oogenesis, spermatogenesis and the development of the frog, chick and pig with comparisons with other forms. Students will be taught the methods of making slides for the detailed study of these animals at important stages in their life history.

Pre-requisite, Zoology 1. Three hours. Quarters I, II.

(4. Histology.)

(5. Comparative Vertebrate Anatomy.)

(6. Genetics and Evolution.)

8. Special Physiology.

This course is given for those who are candidates for certificates in Classes A and B.

Five hours a week. Quarters III, IV.

DEPARTMENT OF EDUCATION

The aim of this department is to prepare rural school, elementary school and high school teachers. The department is accredited by the State Board of Education (Indiana) to offer courses for Classes A and B and the two year normal course for elementary teachers established by the provisions of the Vesey Law.

Under an arrangement between the College and the Board of Education of the city of Evansville, students do their work in observation and in supervised teaching in the city schools. The critic teachers are selected by the city superintendent of schools and the head of the Department of Education. Those who are interested in vocational and pre-vocational courses will also have the advantages of the fine equipment for this work afforded by the city schools.

Provision will also be made for a rural practice school, so that teachers may observe and do supervised teaching under rural conditions.

THE VESEY LAW

By act of the state legislature, 1919, the State Board of Education was authorized to establish an approved two-year course for the preparation of teachers of elementary schools. On the completion of this course a provisional certificate is granted valid for four years for teaching in the public elementary schools of the state without examination. On the completion of two years of successful teaching, within the life of the provisional certificate, the State Board of Education will grant to the teacher a life certificate to teach in the elementary schools of the state without examination.

A student who completes the regular two-year normal course of the College will be granted a provisional certificate.

The same law provides for the establishing of a four-year course for high school teachers. Graduates from this course and also graduates of a standard college are entitled to a provisional certificate valid for four years for teaching in the public high schools of the state without examination, under the following conditions: (1) that one-fifth of the col-

lege course, thirty-six term hours, shall be in approved courses in education, including observation and practice teaching; (2) that the license shall be valid for teaching those subjects in which the student has earned two full years of college credit. On the completion of two years of successful teaching, within the life of the provisional certificate, the State Board of Education will grant to the teacher a life certificate to teach in the high schools of the state without examination.

The College offers such courses as are required by the State Board to secure this certificate.

Provision is also made in the law for provisional certificates and life license in special subjects: music, penmanship, drawing, physical education, home economics, manual training.

Only graduates of commissioned high schools or persons of equivalent scholarship may enter the provisional certificate courses. Graduates of certified high schools, however, may enter the courses for Classes A and B, and sufficient credit may be counted back from these courses to entitle the student to proceed with the certificate courses.

ILLINOIS TEACHERS' CERTIFICATE

Illinois elementary school teachers will find courses to meet the requirements of various state and county certificates: (1) a twelve weeks' professional training course; (2) an eighteen weeks' professional training course such as that required for the renewal of a second grade elementary school county certificate; (3) a one-year professional training course to be taken in lieu of the regular examination for second grade elementary school county certificate; (4) a two-year normal course leading to the county and state first grade elementary school certificate; and (5) a one-year post graduate course for holders of first grade elementary county certificates who desire to exchange for a state elementary certificate.

High school teachers will find: (1) two years of college work to meet the requirements of the county high school certificate; (2) three years of college work required for the exchange of the county high school certificate for the state high school certificate; and (3) a four-year college course to meet the requirements of the four-year state high school certificate.

KENTUCKY TEACHERS' CERTIFICATE

Kentucky teachers will find courses suitable for the preparation of teachers for the various grades of certificates issued in that state. Students who are graduates of accredited high schools or have equivalent scholarship will be able to qualify for both the Intermediate Certificate and the Life Certificate as issued in Kentucky. Those who wish to complete a college course and at the same time prepare to teach in Kentucky high schools, may take their work at Evansville College. By completing a definite amount of work in professional or educational subjects such students will be entitled to a certificate issued by the State Board of Education of Kentucky.

INDIANA TEACHERS' CERTIFICATE

1. Class A Certificate.

Students may obtain the Class A certificate by complying with the following conditions:

- a. They must have graduated from a certified or commissioned high school.
- b. They must attend one full quarter of twelve weeks and may not be absent from class more than ten days and then only because of illness or for other absolutely unavoidable reasons.
- c. They must present twenty credits as follows:
 - (a) One professional subject—Introduction to Education.
 - (b) One common school branch.
 - (c) One college course—English.
 - (d) Biology.
 - (e) Physical Education, two exercises a week, and two exercises a week from Music, Drawing or Penmanship.

The above requirement covers the first term's work of the regular two-year normal course, and gives opportunity for a review of a common school branch.

2. Class B Certificate.

Students may obtain the Class B certificate by attending two quarters of twelve weeks each and by earning forty credits as follows:

- a. First quarter of twelve weeks is stated above as Class A work.

b. Second quarter of twelve weeks in subjects chosen under the same regulations as for Class A certificate. The work includes Child Psychology, English, a common branch, observation and practice teaching, and non-preparation work as for Class A. The work here required is the second term's work of the regular two-year normal course.

3. Class C Certificate.

The course for the Class C certificate consists of the first three years' work of the regular four-year course and must include at least twenty hours of professional studies of which directed observation and supervised practice teaching must be one.

TWO-YEAR NORMAL COURSE

First Year

Autumn Quarter

	Hours
Introduction to Teaching (Education 1).....	5
Biology (Zoology 1).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

Winter Quarter

Child Psychology (Education 3).....	5
Observation and Supervised Teaching (Education 9A)....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

Spring Quarter

Principles of Teaching (Education 4).....	5
The Organization and Technique of Elementary School Arithmetic (Education 8C).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

Second Year

Autumn Quarter

Sociology (Elementary or Rural).....	5
The Organization and Technique of the Teaching of Elementary School Reading (Education 8B).....	3
The Organization and Technique of the Teaching of Ele- mentary School Geography (Education 8E).....	2
Agriculture or Home Economics.....	5

Winter Quarter

Supervised Teaching (Education 9).....	5
The Organization and Teaching of Elementary School History and Civics (Education 8D).....	3
The Organization and Teaching of Elementary School English (Education 8A).....	2
Physiology and Hygiene (Zoology 2).....	5

Spring Quarter

Public School Systems (Education 5).....	2
Psychology of Elementary School Subjects (Education 7)	3
Economics, Industrial or Rural Education.....	5
American History	5

In addition to the above each student will be required to take non-preparation courses to the extent of four exercises a week during the two years. Physical Education, two hours a week, must be one of these; the remaining credits may be offered from Music, Drawing, Penmanship, etc.

DIFFERENTIATED COURSES

The above course offers ample opportunity for specialization in rural, primary or intermediate grades. The following courses offer chance for specialization: Practice Teaching, Sociology, Agriculture, Home Economics, Economics, Industrial or Rural Education. Also each of the five special courses in methods offers opportunity for specialization in the required observation connected with the course. Finally all term papers may be specialized.

STANDARD FOUR-YEAR COLLEGE COURSE FOR TEACHERS

This course aims to meet the needs of two classes of students: (1) graduates of the Two-Year Normal Course who desire to complete a regular four-year college course for teachers; and (2) Liberal Arts students, majoring either in Education or in some other academic department, who expect to teach and who desire the High School Teachers' certificate.

The requirements for graduation from the four-year course are as follows:

- A. Graduates of the Two-Year Normal Course who are majoring in an academic subject other than Education and who desire the high school teachers' cer-

tificate: (1) twenty additional hours in Education over and above that required in the Two-Year Normal Course; (2) thirty-six hours in a major subject; (3) thirty hours in a minor subject.

- B. Graduates of the Two-Year Normal Course who are majoring in Education and who desire the high school teachers' certificate: (1) twenty additional hours in Education over and above the Two-Year Normal Course; (2) a second major subject outside the field of Education, with thirty hours of credit; (3) a minor subject with thirty hours of credit.
- C. Liberal Arts students who are majoring in an academic subject other than Education and who desire the high school teachers' certificate: (1) thirty-six hours of Education as outlined below; (2) a major subject outside the field of Education with thirty-six hours; (3) a minor subject with thirty hours of credit.
- D. Liberal Arts students who are majoring in Education and who desire the high school teachers' certificate: (1) thirty-six hours in Education as outlined below; (2) a second major subject in one of the other academic subjects with thirty hours of credit; (3) a minor subject with thirty hours of credit.

SPECIAL TWO-YEAR COURSES

These courses are for the preparation of teachers and supervisors of Music, Penmanship, Drawing, Physical Education, Home Economics, Manual Training, and Agriculture.

The work required for the Provisional Special Certificate is as follows:

- (a) Twenty-five hours in professional subjects, as outlined for the two-year normal course. Five hours of this credit must be in supervised teaching in the special subject.
- (b) Fifty hours in the special subject in such courses as the head of the department concerned shall designate.
- (c) Fifteen hours in English as prescribed in the two-year normal course.
- (d) Non-preparation credits as prescribed in the two-year course.

COURSES OF INSTRUCTION

Elementary Group

1. Introduction to Education.

An elementary course designed to introduce students to the study of Education by scientific methods. Textbook, Judd's "Introduction to the Scientific Study of Education." Collateral readings and class observations with reports will be required of all members of the class. Required of all students in Education.

Five hours. Quarter I.

3. Child Psychology.

A scientific study of the child. The course includes a study of the child's physical make-up, his reflex acts, his instincts, his mental processes and methods of training these. The course also includes a preliminary study of the fundamentals of psychology and furnishes a basis for later educational work.

Five hours. Quarter II.

4. Principles of Teaching.

A study of the technique of teaching and the general principles of the recitation. The course includes the organization of the lesson, lesson planning, questioning, and a preliminary study of school-room organization and management.

Five hours. Quarter III.

5. Public School Systems.

A general course in the problems of organization and administration of public schools in which the elementary school teacher is given a view of the working of the entire school system.

Two hours. Quarter III.

7. Psychology of the Elementary School Subjects.

The course includes a detailed discussion of the mental processes involved in the learning of each of the elementary school subjects: reading, arithmetic, handwriting, history, geography, etc.

Three hours. Quarter III.

8. The Organization and Technique of the Teaching of the Elementary School Subjects.

- 8A. English. Two hours. Quarter II.
- 8B. Reading. Three hours. Quarter I.
- 8C. Arithmetic. Five hours. Quarter III.
- 8D. History and Civics. Three hours. Quarter II.
- 8E. Geography. Two hours. Quarter I.

9. Directed Observation and Supervised Teaching.

A course in the practical application of educational principles, intended to equip the student-teacher, as nearly as possible, with a knowledge of the materials, methods and aims of actual school-room conditions.

Students in the two-year course will take 9A in the first year and one of the other courses in the second year.

Each course is a five-hour credit.

- 9A. Observation and Supervised Teaching.
- 9B. Supervised Teaching in the Rural School.
- 9C. Supervised Teaching in the Primary Grades.
- 9D. Supervised Teaching in the Intermediate Grades.
- 9E. Supervised Teaching in the Upper Grades.

ADVANCED COURSES

In general, courses of the elementary school group are open only to students in the first two years of their college course and advanced courses to students in their Junior and Senior years. Education 3, 4, 7 may be elected in a four-year course, but cannot be offered as substitute for required work. Education 1, 24, 25, 29, and 30 are required.

(20. History of Modern Education.

A brief review of the mediaeval social life in the fourteenth and fifteenth centuries is made, followed by a short general survey of the beginnings of elementary and secondary schools in the mediaeval cities. The following topics are then studied: the influence of the Reformation and Counter-Reformation upon the development of modern social forces; the gradual secularization of social life and education; the reforms introduced into elementary school system and practices by such men as LaSalle, Lancaster, Rousseau, Pestalozzi, Herbert, and Froebel.

Also the Latin Grammar Schools and the academies of England and America will receive attention. The chief emphasis in the study of the high school will be upon the curriculum. Five hours.)

(21. Public School Administration.

This course aims to acquaint the student with the sources and typical examples of the literature of school administration, the principal problems in the field, and the current statistical and measuring methods of treating these problems. Discussion will include problems of central administration, financing the public schools, business management, instructional aspects, attendance, organization and classification of pupils, the teaching staff, school records and reports. Five hours.)

(22. High School Administration.

This course deals with the practical problems of high school administration, including the relation of the high school to the elementary school, Junior high school and the college; statistical studies as tests of efficiency; the making of curricula and of programs; the reorganization of the material of secondary education; social organization; moral instruction and training. The material of the course is definitely related to actual school conditions, particularly in the Evansville schools. Five hours.)

23. Curriculum.

This is an introductory course in the study of the curriculum. It deals with the objectives of education in the various fields of training for vocation, citizenship, physical efficiency, leisure occupation, languages, parental responsibilities, morality, and religion; with some of the elemental principles that relate to the materials of instruction to be used in attaining the particular objectives discussed; and with methods to be employed in discovering the proper content of courses of study.

Five hours. Quarter I.

24. Educational Psychology.

A systematic course treating of the psychological basis of educational theory. It is designed to meet

the needs of Junior and Senior students who have had little previous training in psychology and psychological background of educational principles.

Five hours. Quarter II.

25. Educational Measurements and Tests.

An intensive study of the standard-test movement in education; a brief historical perspective; principles underlying the demand for standards; attempts to standardize the content of the course of study; an organization of the principal tests designed to measure the outcomes of specific studies in elementary and secondary curriculum; a critical discussion of the validity of the tests; principles of design and methods of construction; the use of standard tests to the administrator, to the teacher, and to school reviews. The course will also include a rapid survey of intelligence testing, the content, scoring, and interpretation. A preliminary survey will be made to acquaint the student with the practice and methods in statistical treatment of educational materials.

Five hours. Quarter III.

(26. Industrial Psychology.

This course deals with the place of industrial activities and industrial training in the various levels of instruction. Special study is made of (a) pre-vocational work in the Junior high school; (b) unit trade courses in the Senior high school; and (c) continuation, co-operative, apprentice, evening, and factory schools.)

(27. Rural Education.

Consideration of social and economic problems in rural communities; adaption of schools to meet social and economic conditions of rural communities; organization and administration of rural schools; the rural school a social center; industrial activities in the school; needs in rural education; curricula; boys' and girls' agriculture clubs; recreation and play; training of teachers for rural schools; agriculture in one-teacher schools; the rural high school; special methods; equipment of rural schools; extension service through the rural school; education for the home; and improving teachers in service.)

29. The Organization and Technique of the Teaching of the Different High School Subjects.

The different courses aim to give thorough acquaintance with the selecting, organization and presentation of the materials of instruction of such subjects. Three hours.

30. Directed Observation and Supervised Teaching.

This course is given with reference to a number of the different high school subjects. The course provides for one term of actual teaching in the Evansville schools. The details of the course will be announced later. Five hours.

(31. Research in Educational Problems.

An advanced course open only to students in their Senior year or above who are making special investigations and have their problem fully outlined.)

DEPARTMENT OF ENGINEERING

CO-OPERATIVE HALF TIME COURSES

In response to the demand in Evansville and Southern Indiana for technical courses and technically trained men, the Trustees of Evansville College on June 8, 1920, authorized the organization of the Engineering Department. Prospective students looking forward to a technical course may register in this department in September 1920. Such candidates should signify their intention and submit their high school credits as soon as possible, and those residing in or near Evansville should call in person during the week preceding registration in order that arrangements may be made for the outside employment, hereinafter described.

The work of the first year in any engineering course consists largely of general subjects pre-requisite to the purely professional studies, and as the necessary faculty is already provided, students who enter this fall will lose no time in their progress toward a degree. The organization of the department and its staff will proceed steadily, and will keep pace with the best interests of the students who enter the first class. When the Engineering Department attains the growth that is confidently expected, there will be some distinction, judging from results elsewhere, in being a member of the pioneer class.

THE CO-OPERATIVE PLAN

After a careful survey of the work at other technical schools, the Trustees and Faculty have selected the "Cincinnati Plan" or the co-operative part time system as being the one best adapted to the needs of Evansville and vicinity. This system is no longer an experiment, having been successfully operated at the University of Cincinnati since 1906, and since adopted in one form or another by such schools as Georgia Institute of Technology, Lawrence Scientific School of Harvard University, Carnegie Institute, Massachusetts Institute of Technology, and the Municipal University of Akron.

In the Co-operative System, there has been recognized the fallacy of expecting a student to prepare himself for his life work when completely removed from its atmosphere, as may be the case when a student pursues an ordinary four years college course. No technical school in the country has yet succeeded in bringing the influences and responsibilities of life's workshops into its school shops and laboratories, and only too often, such school shops are filled with equipment which becomes antiquated soon after installation. With the adoption of the co-operative system, every industrial establishment, public utility and engineering project in Evansville and neighboring counties becomes a potential laboratory or workshop for the students of Evansville College.

STUDENTS WORK HALF TIME

Students in most co-operative courses spend one-half their time working for wages in the employ of some co-operating firm, thus gaining practical experience at the same time they are studying theory. The work is usually arranged to come in alternate bi-weekly periods throughout the course. The jobs are located and assigned to students by the College, and each student is then sent to apply for his job in person. This is partly for the student's experience and partly to give the employer some choice in selecting his "co-ops."

In the early part of the course, the outside work of the student is of a manual nature, involving only minor responsibility, and he is often classed as a "laborer," "helper" or "special apprentice." However, as he gains experience and maturity, he is assigned to more responsible work, and at graduation he is fitted to handle work far in advance of that usually given to the inexperienced college graduate. The wages paid to students for this work are about the same as would be paid other workers doing the same class of work.

In order that the outside job may be fully manned throughout the year, students are paired, one man of each pair attending classes for two weeks while the other works on the job. During the succeeding two weeks the man who went to school reports on the job while his "alternate" attends school. Of course all work in school is repeated for the second group of students, so that nothing is missed. School vacation periods are divided between the two students of a pair so that one or the other may always be on the job.

Students placed with the larger concerns will be encouraged to remain with the one concern throughout the course, working through the various departments. By so doing they will either work into a position with their employer upon graduation, or they will merit from him a letter of recommendation, valuable because based upon an actual record of continuous and faithful work. Students placed with smaller concerns may be transferred to new employment at yearly or bi-yearly intervals, as may be agreed, allowing them to secure as wide an experience as tho they had been working for one of the larger companies.

Wherever possible, a general program of work for each student is agreed upon between the College, the student and his employer, which will be adhered to as closely as business conditions will permit, unless changed by mutual consent. While a student is at work, he is subject to all the rules and regulations imposed by his employer upon the other employees. All existing labor laws and conditions, including those pertaining to liability for accident apply to the student in the same way as to any other employee.

No employer is obligated to retain in his employ any student who fails to give satisfaction. While the student who does not "make good" for reasons beyond his control will be given every consideration, students failing to satisfy their employer through gross carelessness or lack of effort may, at the discretion of the Faculty, be dropped from the course.

WAGES PAID STUDENTS

While the primary object of the Co-operative System is the practical experience to be gained, the money paid in wages enables many a boy to gain an education that would otherwise be unattainable. The wages paid beginners in Evansville will probably average between thirty and fifty cents per hour, and will be advanced as students demonstrate their adaptibility and faithfulness. While for obvious reasons the College can make no guarantee as to the wages a student may earn, it will use its best efforts to place needy students advantageously, and to secure for them in wages what they are worth to their employer, who must be the final judge. It is not believed that the co-operative work will pay the entire expenses of out-of-town students who must board and pay room rent. Such students are urged, therefore, to have sufficient funds available to carry them through their first year with the help of an average wage.

COURSES AND DEGREES

Five Year Professional Courses

Beginning September, 1920, half-time co-operative courses in Civil and Mechanical Engineering will be offered. The instruction in college will include the work of the ordinary four year technical courses as given in the leading universities, and will conform to their standards. None of the essential theory will be omitted and none abridged, by the half-time plan, but on the contrary, two and one-half years of practical experience will be gained. Students successfully completing these courses, therefore, will be granted the degrees of Civil or Mechanical Engineer, which correspond to the Master's degrees in Liberal Arts Departments. Due to the half-time system, the courses will cover five years of eleven months work each, allowing each student vacations of about four weeks per year from both school and outside work.

COMBINATION ARTS-ENGINEERING COURSE

(Four Years)

Many students do not expect to become professional engineers and yet plan to engage in some business demanding elementary technical knowledge, such as agriculture, certain lines of manufacturing, etc. Such students may elect two years of Liberal Arts subjects and two years of work in the Engineering Department selected from the studies of the five year professional courses, such a combination leading to the degree of Bachelor of Science. Students taking this combination should plan their course in consultation with the Faculty registration committee, in order that they may be fully advised as to the pre-requisite studies. Any course given by the Engineering Department may be elected provided the student has satisfied all pre-requisites. A minimum of ninety term-hours in either department will be considered as two years of work.

Students electing the combination course may, if they desire, arrange with the Director of the Engineering Department to take their technical work on the co-operative basis. This will require two and one-half years of four quarters each.

REQUIREMENTS FOR ADMISSION

The requirements for entrance as a regular student in the Engineering Department are nearly the same as those for Liberal Arts students. The following are the only exceptions, and should be carefully noted :

- A. 2. Mathematics. Two and one-half units are required, including Algebra, one and one-half units, and Plane and Solid Geometry, one unit.
- A. 3. Foreign Language units are accepted but are not required. Two additional elective units may be offered in their stead.

CLASSIFICATION

Regular Students

This term is applied to students who pursue a regular course leading to a degree, and who have satisfied all entrance requirements.

Special Students

Not candidates for any degree. Students of sufficient maturity may, at the discretion of the engineering Faculty, be allowed to pursue any subjects in the engineering curriculum for which they can demonstrate their preparation and fitness, regardless of their entrance qualifications. Certificates will be given for subjects passed, and will be accepted toward a degree whenever such student shall have fully satisfied all entrance requirements.

COURSES OF STUDY

The courses for professional engineers are almost entirely prescribed and are herewith listed. The order in which these will be given after the Freshman year, and a more complete description of each course will be published in a later bulletin. The courses for Civil and Mechanical Engineers are the same throughout the first year. Only the Freshman courses on this list will be given during the year 1920-21.

Freshman Year

Courses	Term Hours Per Quarter			
	Quar. 1	Quar. 2	Quar. 3	Quar. 4
College Algebra (Math. 1).....	4	4	—	—
Trigonometry (Math. 2).....	—	—	4	4
English Composition (1A).....	3	3	3	3
Physics (1).....	5	5	5	5
Laboratory Physics (2).....	2	2	2	2
Co-ordination. A study and discussion of questions arising in student's outside work.				
Written reports and problems	2	2	2	2
Mechanical Drawing. Free hand lettering and sketching. Detailing of structural shapes and simple machine parts. Elementary descriptive geometry	4	4	—	—
Machine Drawing. Detail drawings from measurements of machines	—	—	4	4
Physical Education.....	2	2	2	—
Total term-hours per week....	22	22	22	20
Total term-hours credit.....	10	10	10	10

Sophomore, Pre-Junior, Junior and Senior Years

Courses Taken by Both Civil and Mechanical Students

Name of Course	Credit Term Hours	Pre-Requisite Subjects
Analytical Geometry (Math. 3)....	4	Math. 1, 2.
Differential Calculus	4	Math. 1, 2, 3.
Integral Calculus.....	4	Differential Calculus.
Descriptive Geometry.....	4	Plane and Solid Geometry.
Graphic Statics.....	2	Physics 1.
Chemistry, General Inorganic.....	3	None.
Chemistry Laboratory.....	2	To accompany General Chem- istry.
Elementary Surveying	3	Math. 1, 2.
Steam Engineering.....	5	Physics 1, Chemistry 1.
*Co-ordination	14	To accompany all outside work.
Analytical Mechanics.....	5	Math. 1, 2, 3, 4, Graphic Statics.
Materials of Engineering.....	2	None.
Strength of Materials.....	5	Math. 1, 2, 3, 4.
Materials Laboratory.....	3	Materials of Engineering.
Cement Laboratory.....	2	None.
Direct Currents.....	5	Physics 1.
Direct Currents Laboratory.....	3	To accompany preceding course.
Alternating Currents.....	5	Math. 1, 2, 3, 4. Direct Currents.
Alternating Currents Laboratory	3	To accompany preceding course.
Metallurgy of Iron and Steel.....	3	Chemistry 1, Materials of Engineering.
Metallurgy Laboratory	3	To accompany preceding course.
Hydraulics	4	Math. 1, 2, 3, 4, Physics 1.
Heating and Ventilation.....	3	Steam Engineering, Physics 1.
Sanitary Biology.....	3	Chemistry 1.
Engineering English	3	English Composition.
*Modern Language.....	15	English Composition.
Principles of Bookkeeping and Accounting	4	None.
Economics	5	None.
Business Organization.....	5	Economics.

* NOTE—Subject is given in two or more parts. Where taken as an elective, and not as a prescribed study, one or more parts, totalling less than the number of hours given for the entire course, may be taken if desired.

Courses Taken by Civil Engineers Only

Name of Course	Credit Term Hours	Pre-Requisite Subjects
Advanced Surveying	3	Elementary Surveying.
Railroad Surveying.....	3	Advanced Surveying.
Roofs and Bridges.....	5	Math. 1, 2, 3, 4. Strength of Materials. Graphic Statics.
Structural Design	5	Roofs and Bridges.
Engineering Design.....	5	Structural Design.
Reinforced Concrete.....	2	Structural Design, Cement Lab.
Geology	4	None.
Water Supply.....	6	Hydraulics, Strength of Ma- terials.
Sewerage	6	Hydraulics, Chemistry, Strength of Materials.
Roads and Pavements.....	2	None.
Roads and Pavements Design.....	4	Strength of Materials, Cement Laboratory, Geology, Hy- draulics, Railroad Surveying.

Courses Taken by Mechanical Engineers Only

Mechanism (Kinematics).....	3	None.
Mechanism Drawing.....	3	To accompany preceding course.
*Machine Design.....	9	Mechanism, Anal. Mech., St. of Mat'ls, Mat'ls of Engineer- ing.
Gas Engineering	3	Chemistry 1, Physics 1.
Thermodynamics	5	Math. 1, 2, 3, 4, Physics, St. Eng.
*Engineering Laboratory.....	8	To accompany Steam and Gas Eng.
*Elective	14	

Elective Courses for Mechanical Engineers

The following electives open to Mechanical Engineers will allow students desiring advanced electrical work to take such courses by omitting other subjects in the list below. A minimum of fourteen hours from this list is required for graduation.

Name of Course	Credit Term Hours	Pre-Requisite Subjects
Engineering Laboratory (in ad- dition to 8 hrs. required).....	4	To accompany power courses.
Production Engineering.....	3	Co-ordination, Four Hours.
Machine Shop Tools.....	3	Co-ordination, Four Hours.
Hydrodynamics	3	Hydraulics.
Steam Power Plant Design.....	4	Thermodynamics.
Electric Power Plants.....	4	Direct and Alternating Cur- rents. Steam Engineering.
Electric Power Transmission.....	4	Direct and Alternating Cur- rents.
Electric Railways.....	4	Direct and Alternating Cur- rents.

* NOTE—Subject is given in two or more parts. Where taken as an elective, and not as a prescribed study, one or more parts, totalling less than the number of hours given for the entire course, may be taken if desired.

DEPARTMENT OF MUSIC

INTRODUCTORY

Music has a most important contribution to make to the general atmosphere of a college. It is an invaluable supplement to the other forces at work in an institution that recognizes culture and refinement as essential elements in the type of education which it seeks to develop. On the other hand, the value of musical instruction is itself greatly enhanced when enriched by what a college has to add. All musical training needs to be supplemented by a broad training in general college work. This day calls for musicians who are capable of taking their place beside the best men and women in other professions. To gain musical prominence, one must be more than a mere player or singer.

In the following respects Evansville College offers special advantages to those seeking musical training of the broadest type :

1. The musical Faculty is composed of teachers of wide experience both in the classroom and on the platform. Each student is given individual attention, and work is assigned according to his or her particular need.

2. The Coliseum, unexcelled in the State, offers a concert hall second to none. Here is situated the great Municipal Organ, upon which weekly recitals are given. The College has an interest in this instrument. Great artists are heard here at a small cost to students.

3. Numerous student recitals are given through the year, thereby assuring a fair degree of confidence and poise of manner, so essential to successful public performance.

4. The College Choir and College Glee Clubs give actual choral experience to vocal students, while opportunity is offered in the choirs of the city churches for experience in church singing. Students sufficiently advanced may find positions as organist open to them.

Briefly, the Department of Music of Evansville College is planned to afford a complete musical education. The student will find carefully prepared courses meeting all needs and well calculated to bring out the artistic as well as the practical ability of all who pursue studies in this department.

THE COURSES

Regular courses are offered in piano, organ, violin, theory of music, public school music and voice. In harmony with the belief that artistic results are dependent on close adaption to the individual needs of the pupils and cannot be satisfactorily accomplished in classes, instruction in instrumental and vocal music is based on private lessons. Theoretical subjects, however, are taught in classes.

CLASSIFICATION OF STUDENTS

Each student entering the Department of Music is registered under one of the four following classifications:

1. Regular Students.

Candidates for the degree of Bachelor of Music. Such students must be at least sixteen years of age and graduates of a commissioned or certified high school. This course covers at least four years unless credit is given for advanced work done in other colleges or conservatories.

2. Full Course Students.

Not candidates for a degree or diploma. This class includes students who do not meet the prescribed entrance requirements but who have sufficient maturity and musical ability to carry the prescribed work of a regular course. A certificate will be given testifying to the completion of theoretical studies and to ability as a performer, but such certificates are not given for less than two years of work.

3. Special Students.

Those who omit theoretical studies and confine their attention to the pursuit of some particular branch of practical music.

4. Preparatory Students.

Beginners and those under sixteen years of age.

5. Students in Public School Music.

This course covers a period of two years and is planned to equip graduates for the position of Supervisor of Music in the public schools.

VOICE

Mr. Reginald Billin, who has charge of this department, and is also Head of the Department of Music, comes to Evansville College with an international reputation. His

training was secured under Sir Frederick Bridge at Westminster Abbey, and Frank King Clark in Paris. Mr. Billin has appeared as a concert artist generally throughout this country. His work as a choral conductor is second to none. Besides his vocal teaching, Mr. Billin will organize the College along choral lines.

PIANO

The course in piano is given by Mrs. Donald French. Mrs. French has had the best training available in this country and abroad. Both as a teacher and as a performer she is unexcelled. Her recitals in Evansville have been a revelation to all music lovers. Students have a rare opportunity, therefore, in serious study with Mrs. French.

ORGAN

James R. Gillette, Evansville's Municipal Organist, has charge of the course in organ. Mr. Gillette, by his many recitals in all parts of the country, has become recognized as one of America's leading concert players. Organ students will have the advantage of becoming acquainted with one of America's greatest organs—the 101 stop Coliseum instrument—and will hear the masterpieces of organ literature performed weekly at the municipal recitals.

VIOLIN

Mr. Otto Puder, instructor in Violin, has studied at the Cincinnati Conservatory of Music. He has had wide and varied experience both as a player of the violin and as a teacher.

PUBLIC SCHOOL MUSIC

Students in this department will be under the direct supervision of Miss Ada Bicking, Supervisor of Music in the public school systems of Evansville. An unusual opportunity is presented in this department. Miss Bicking has won recognition for her splendid work wherever public school music is known. Actual experience in the schools of Evansville is one of the many attractive features.

History of Music, Theory, Sight Singing, and Ear Training will be taught in classes by members of the Faculty of the Music Department.

FEES AND EXPENSES

The college year is divided into four quarters and the tuition and other fees listed below are for one quarter unless otherwise stated.

Matriculation Fee.

A matriculation fee of five dollars is charged Regular or Full Course students if not previously registered in the College. This fee is paid but once and is not returnable.

Registration Fee.

A registration fee of one dollar a quarter is charged students of the Special, Preparatory, or Public School class.

Students in Evansville College may pursue any of the theoretical courses in the Department of Music at no charge provided such students are registered in the College as taking a regular course leading to a degree. In turn, Regular and Full Course students in the Department of Music may pursue certain literary courses in the College at no additional expense to them.

TUITION FEES

Regular Students and Full Course Students—

Piano, Organ, Violin, or Voice, two lessons per week.....	} \$50.00
All theoretical and literary work.....	
Piano, Organ, Violin, or Voice (Two lessons per week)...	35.00
Piano, Organ, Violin, or Voice (One lesson per week)....	18.00
Public School Music including all theoretical courses but not the study of Piano, Organ, Violin or Voice....	20.00
Sight-singing (Two lessons per week).....	10.00
Ear-training and Dictation and Rudiments of Music (One lesson per week).....	6.00
History of Music (One lesson per week).....	6.00
Theory of Music (Two lessons per week).....	12.00
Organ Practice, an hour.....	.50

List in actual order.

ENROLLMENT

1919—1920

College of Liberal Arts

Freshmen	51
Sophomores	17
Juniors	2
*Unclassified	39

Department of Education

Freshmen	142
Sophomores	18
*Unclassified	12

Department of Music

All subjects.....	28
Total	309
Counted more than once.....	6
Net Enrollment.....	303

Community Classes

Astronomy	2
Bible and Religious Education.....	29
French	13
Government	18
Home Economics.....	4
Psychology (Educational).....	20
Literature	187
Oral English.....	16
Total	289
Counted more than once.....	48
Net enrollment	241

*The term "unclassified" should not be interpreted as meaning "conditioned in entrance subjects." In most cases "unclassified" students have had full high school preparation, and in some cases they are college graduates.

LIST OF STUDENTS

1919—1920

The following list includes all students who were in attendance at any time during the year 1919-20. The quarters are indicated by 1, 2, 3, 4 respectively. Mid-Spring students are included with those of the Summer Quarter.

The explanation of abbreviations used is as follows: C—College of Liberal Arts; Ed.—Department of Education; Mu.—Department of Music; Fr.—Freshman; So.—Sophomore; Jr.—Junior; Sr.—Senior; Unc.—Unclassified.

Abshier, Victor C. (4).....	Ed. Fr.....	Lake.
Adams, Ira G. (1, 2, 3).....	C. Fr., Mu.....	Monroe City.
Ahrens, Gerhard (1, 2, 3, 4).....	C. So.....	Elberfeld.
Allen H. H. (1, 2, 3).....	C. Unc.....	Indianapolis.
Allenbaugh, Opal L. (4).....	Ed. Fr.....	Dale.
Atkin, Louise E. (4).....	Ed. Fr.....	Evansville.
Ault, Charles F. (1, 2, 3).....	C. Unc.....	Indianapolis.
Avery, Arline Mae (4).....	Ed. Fr.....	Dale.
Ayer, Eloise Clement (2).....	Ed. Fr.....	Evansville.
Baker, Montie J. (4).....	C. Unc.....	Hatfield.
Balls, Mrs. Emma (4).....	Ed. So.....	Evansville.
Barnett, Bertha (4).....	Ed. Fr.....	Newburgh.
Barnett, Daisy Belle (4).....	Ed. Fr.....	Cypress.
Beach, Norman Dow (1, 2, 3).....	C. So.....	Poseyville.
Beadles, Owen J. (1, 2, 3).....	C. So.....	Boonville.
Beatty, Gladys F. (4).....	Ed. Fr.....	Somerville.
Becker, Dorena Louise (1, 2, 3).....	Ed. So.....	Evansville.
Becknell, Stanley (1, 2).....	C. Fr.....	Evansville.
Benton, Burton (4).....	Ed. Fr.....	Elberfeld.
Bernard, Lucile (4).....	Ed. Fr.....	Evansville.
Bingham, William Byron (2, 3).....	C. Fr.....	Patoka.
Blackman, Elizabeth (1, 2, 3).....	Ed. So.....	Evansville.
Blatt, Heiman Kimmel (4).....	Ed. Unc.....	Evansville.
Boehne, Edna (2, 3, 4).....	Mu.....	Evansville.
Bohrer, Amelia (2, 3).....	Mu.....	Evansville.
Bosse, Clarence (4).....	Ed. Fr.....	Inglefield.
Bowen, Bertha Marie (4).....	Ed. Fr.....	Yankeetown.
Bowen, Rena M. (3, 4).....	C. Unc.....	New Albany.
Boyce, Mrs. Arthur (4).....	Mu.....	Mt. Vernon.
Brandenburg, Lucille (2, 3).....	Ed. Fr.....	Evansville.
Brinklow, Reginald A. (2, 3).....	Mu.....	Union.

Brookins, Bessie B. (3)	Ed. Fr.	Evansville.
Brookins, Ione (4)	Ed. So.	Evansville.
Brown, Archiless Morse (1, 2, 3)	C. Fr.	Oaktown.
Brown, Bessie (1, 2, 3)	Ed. Fr.	Evansville.
Bruce, Gladys (4)	Ed. Fr.	Boonville.
Burton, Edith L. (2)	C. Unc.	Sandborn.
Busse, Helen H. (1, 2, 3)	C. Jr.	Evansville.
Calloway, Anna Tinker (4)	Ed. Unc.	Grandview.
Carleton, Wm. (3, 4)	C. Unc.	Evansville.
Carter, Maude Marie (4)	Ed. Fr.	Boonville.
Casey, Helen Agnes (1, 2, 3)	Ed. Fr.	Patoka.
Cooper, Virginia P. (4)	Ed. Fr.	Henderson.
Cox, Martha L. (1, 2, 3)	C. Fr.	Evansville.
Dailey, Gerald (1, 2, 3)	C. Fr.	Rockport.
Dassel, Dewey C. (4)	Ed. Fr.	Elberfeld.
Dassel, Virgil Homer (4)	C. Fr.	Elberfeld.
Dassel, Wilbur Fillmore (4)	Ed. Fr.	Elberfeld.
Davidson, Nathaniel Gordon (1, 2)	C. Unc.	So. Portland, Me.
Davis, Foster A. (1, 2, 3)	C. Fr.	Cynthiana.
Davis, Lyman B. (1, 2, 3)	C. So.	Rockport.
Day, Lillian Gythel (4)	Ed. Fr.	Boonville.
Deeg, Alma Marie (4)	Ed. Fr.	Evansville.
Denton, Harold (1, 2, 3)	C. Fr.	Evansville.
Dixon, Samuel Clay (4)	Ed. Fr.	Mt. Vernon.
Eicholz, Mary Elizabeth (1, 2, 3)	C. Fr.	New Albany.
Eissler, Dorothy L. (1, 2, 3, 4)	Ed. Fr.	Evansville.
Ellis, W. Herbert (1, 2, 3)	C. Unc.	Evansville.
Engelman, Della (4)	Ed. So.	Chicago.
Entsminger, Armina Christina (2, 3, 4)	C. Fr.	Evansville.
Farrell, Arthur S. (1, 2, 3)	C. Fr.	Evansville.
Faubion, Ralph (1, 2, 3)	C. Fr., Mu.	Heltonville.
Fawcett, Bertha (4)	Ed. Fr.	New Albany.
Fay, Hallie (3)	Ed. Fr.	Boonville.
Fay, James Luther (4)	Ed. Fr.	Boonville.
Featherstone, Mary (1, 2, 3)	Ed. Fr.	Inglefield.
Fehn, Flora (1, 2, 3)	C. Unc.	Evansville.
Feist, Louise Flora (1, 2, 3)	C. So.	Evansville.
Feltner, Francis O. (4)	Ed. Fr.	Gentryville.
Finke, Otto Tobias (1, 2, 3)	C. Fr.	Huntingburg.
Flagler, Elma (1, 2, 3)	Ed. Fr.	Evansville.
Fletcher, Blanche (4)	Ed. Fr.	Grandview.
Foertsch, Martha Sophia (4)	Ed. Fr.	Grandview.
Foertsch, Norma M. (4)	Ed. Fr.	Grandview.
Foote, Lester E. (1, 2)	C. So.	Antwerp, Ohio.
Franke, Irma (1, 2, 3, 4)	C. Fr., Mu.	Evansville.
Fuchs, Joe (1, 2, 3)	C. Fr.	Henderson.
Fuller, Mary (4)	Ed. Fr.	Boonville.
Fulling, Leah (3)	Ed. Fr.	Elberfeld.
Gardner, Chas. F. (1, 2)	C. Unc.	Bennington.
Garrison, Ravia Beatrice (4)	Ed. Fr.	Boonville.

Gilbert, Cornelius (1)	C. Unc.	Evansville.
Goad, Marie (4)	Ed. Fr.	Boonville.
Goad, Thelma (3)	Ed. Fr.	Boonville.
Goble, Mildred Louisa (1, 2)	C. Unc.	Evansville.
Goerlitz, Nettie, (4)	Ed. Fr.	Boonville.
Goldsmith, Nellie (4)	Ed. So.	Evansville.
Greene, Josephine (1)	C. Unc.	Evansville.
Grimm, Meta E. (4)	Ed. So.	Evansville.
Haas, Amanda Anna (4)	Ed. Fr.	Evansville.
Haberer, Frederick Wm. (1, 2, 3)	C. Fr.	Evansville.
Halsey, Katherine (4)	C. Unc.	Evansville.
Hanser, Esther Mary (4)	Ed. Fr.	Santa Claus.
Hardin, William McClellan (2, 3)	C. Fr.	Evanville.
Hargrave, Maybelle Ruth (1, 2, 3)	Ed. Fr.	Evansville.
Harris, Pearle (3)	C. Fr.	Griffin.
Harter, Esther (4)	Ed. Fr.	Princeton.
Hartmetz, Frances Anne (1)	C. Unc.	Evansville.
Haskins, Amanda E. (4)	Ed. Unc.	Dale.
Haskins, L. Blanche (4)	Ed. Unc.	Dale.
Hawley, Willard Spencer (1, 2)	C. Unc.	Evansville.
Heilman, Hazel Murel (4)	Ed. Fr.	Boonville.
Heim, Louise (4)	Ed. Fr.	Evansville.
Hein, Bertha Mabel (4)	Mu.	Evansville.
Held, J. Emil (4)	Ed. Fr.	Lamar.
Helms, Anna Agnes (4)	Ed. Fr.	Boonville.
Hemmer, Ezra A. (1, 2)	C. Unc.	Holland.
Hermson, Louise (4)	Mu.	Evansville.
Hewins, Opha (4)	Ed. Fr.	Boonville.
Hoffman, Ardelle (2, 3)	Mu.	Evansville.
Hogue, Charlotte Margarite (4)	Ed. Fr.	Newburgh.
Hogue, Meredith M. (3, 4)	C. Fr.	Newburgh.
Holtz, Alvin (3)	C. Fr.	Evansville.
Hopkins, Lowell Robert (4)	Ed. Fr.	Dale.
Horton, Edith Mae (4)	C. So.	Chrisney.
Huck, Kenzie Marie (4)	C. Fr.	Wadesville.
Hughes, Bertha Bowdle (2)	C. Unc.	Evansville.
Jerome, Isabelle Catherine (1, 2, 3)	C. Unc.	Evansville.
Johnson, Carl B. (1, 2, 3)	C. Unc.	Rushville.
Johnson, Edna (4)	Ed. Fr.	Evansville.
Johnson, Eva M. (1, 2, 3)	C. Fr.	Petersburg.
Johnson, Inez Lysle (4)	Mu.	Mt. Vernon.
Johnson, Ray (4)	Ed. Fr.	Tennyson.
Johnston, Natalie (3)	C. Unc.	Evansville.
Jones, Jessie Lea (2, 3)	Ed. Fr.	Evansville.
Jones, John Karr (1, 2, 3)	C. Fr.	Slaughters, Ky.
Julian, Ruth Eleanor (1, 2, 3)	Ed. Fr.	Spurgeon.
Keeney, Martha (1, 2, 3)	C. Unc.	Evansville.
Keller, Anna E. (4)	Ed. Unc.	Evansville.
Kelly, Sara Elizabeth (4)	Ed. Fr.	Boonville.
Kelp, Nellie M. (1, 2, 3)	C. Fr.	Petersburg.

Kessinger, Margaret Bruce (1, 2, 3)	Ed. Fr.	Patoka.
Ketcham, Dessie, (4)	Ed. Fr.	Boonville.
Kincheloe, Gladys (1)	C. Fr.	Stewartsville.
Kiper, Maude (4)	Ed. Unc.	Boonville.
Kissel, Thelma (4)	Ed. Fr.	Degonia.
Kohlmeyer, John Byron (4)	Ed. Fr.	Boonville.
Krach, Lorena A. (4)	Mu.	Evansville.
Kuester, Florence (4)	Ed. Fr.	Cypress.
Langford, Emma (4)	Ed. So.	Spurgeon.
Laubscher, Anna (4)	Ed. Unc.	Evansville.
Laval, Alice (1, 2, 3)	C. So.	Evansville.
Law, Wilma (4)	Ed. Fr.	Newburgh.
Layers, Jessamay Larilles (4)	Ed. Fr.	Mt. Vernon.
Legler, Bernice (1)	C. Unc.	Evansville.
Leich, Mrs. Carl (4)	Mu.	Evansville.
Leslie, Elizabeth Lucille (4)	Ed. Fr.	Boonville.
Lewis, Katharine Archer (1, 2, 3)	C. Unc.	Evansville.
Lewis, Lenore (4)	Ed. Fr.	Evansville.
Lindsey, Pearl (4)	Ed. Fr.	Tennyson.
Lloyd, Edythe Mary (4)	Ed. Fr., Mu.	Lake.
Lutz, Florence (4)	Ed. Fr.	Evansville.
Lutz, Helen Marie (4)	Ed. Fr.	Boonville.
Lytle, Howard Godard (1, 2, 3)	C. Fr.	Evansville.
McCoy, Lora Marie (4)	Ed. Fr.	Tennyson.
McCutchan, Bernice (4)	Ed. Fr.	Inglefield.
McCutchan, Grace (1, 2, 3)	Ed. Fr.	Evansville.
McCutchan, Melvin Hornby (4)	Ed. Fr.	Inglefield.
McCutcheon, Doris Hazel (4)	Ed. Fr.	Inglefield.
McDaniel, Irene (4)	C. Jr.	Boonville.
McGinness, Laurence (1, 2, 3)	C. Fr.	Evansville.
McIntire, Sadie M. (4)	Ed. Fr.	Lake.
McKeever, Gladys Marie (2)	C. Unc.	Evansville.
McKown, Edgar Monroe (1, 2, 3)	C. So.	Borden.
McNaughton, Margaret (2, 3)	Mu.	Grandview.
Magee, Edna Mary (4)	Ed. Fr.	Lake.
Mann, Isabel Estelle (1, 2)	C. Unc.	Lima, Peru, S. A.
Mann, Mary Louise (1, 2)	C. Unc.	Lima, Peru, S. A.
Mann, Roberta (1, 2, 3)	Ed. Fr.	Evansville.
Martin, Alma Mathilda (4)	Ed. Fr.	Mt. Vernon.
Martin, Dora Evelyn (4)	Ed. Fr.	Somerville.
Martin, Frances Charlotte (1, 2, 3)	C. Fr.	Princeton.
Menke, Arthur William (1)	C. Fr.	Elberfeld.
Mercer, Mrs. Emma Boyer, (1, 2)	C. Unc.	Evansville.
Merrill, Georgia Helena (4)	Ed. Fr.	Newburgh.
Milburn, Edgar O. (4)	Ed. Fr.	Patoka.
Miller, Dorothy (3)	Mu.	Evansville.
Minor, Eldo (4)	Ed. Fr.	Lamar.
Mitchem, Alice Sylvia (4)	Ed. Fr.	Newburgh.
Montgomery, Leona Mary (1)	C. Fr.	Cynthiana.
Moore, Carrie (2)	Ed. Fr.	Rockport.

Morlock, James (4)	Ed. Fr.	Mt. Vernon.
Mossman, Isabelle M. (4)	Mu.	Princeton.
Muehlenbein, Ada Marie (4)	Ed. Fr.	Evansville.
Murr, Alleen (1, 2, 3)	C. Fr.	Evansville.
Murray, Alfred (1, 2, 3)	C. Fr.	Evansville.
Myers, Edna Ruth (4)	Ed. Fr.	Magnet.
Naegele, Lilly Mae (4)	Ed. Fr.	Tell City.
Nunn, Evelyn (4)	Ed. Fr.	Lake.
Nunn, Mildred (4)	Ed. Fr.	Lake.
Oliver, Blanche B. (4)	Ed. Fr.	Evansville.
Olmsted, Ralph Evans (1, 2, 3, 4)	C. Fr.	Evansville.
Oncle, Martha Lois (1, 2, 3, 4)	Ed. So.	Evansville.
Ossenberg, Thelma (1, 2, 3)	C. So.	Evansville.
Page, Floyd A. (1, 2, 3)	C. Fr.	Bicknell.
Phillips, Rosa (4)	Ed. So.	Newburgh.
Pike, Anna Josephine (4)	Ed. Fr.	Boonville.
Plane, Alice (1, 2, 3)	Ed. Fr.	Evansville.
Pleak, Thelma Louise (1, 2, 3)	Ed. Fr.	Evansville.
Posey, Ruth M. (4)	Ed. Fr.	Evansville.
Potts, Essie M. (4)	Ed. Fr.	Evansville.
Proctor, Ella Raymond (1, 2, 3)	C. So.	Corydon, Ky.
Rea, Anna Brown (4)	C. So.	Evansville.
Reed, Bernice Carolyn (4)	Ed. Fr.	Boonville.
Rhodes, Bessie (4)	Mu.	Princeton.
Rhodes, Lucille (4)	Mu.	Princeton.
Richards, Davis (4)	Ed. Fr.	Lake.
Richardson, Georgia (4)	Ed. Fr.	Lake.
Ricker, Arva I. (1, 2, 3)	C. Fr.	Lake.
Riggs, Arad (4)	Ed. Fr.	Inglefield.
Riggs, William A. (1, 2, 3)	C. Fr.	Evansville.
Ritchie, Mamie Ethel (4)	Ed. Fr.	Rockport.
Roberts, Helen Elizabeth (4)	Ed. Fr.	Chandler.
Roberts, Marie Ellen (4)	Ed. Fr.	Lake.
Roberts, Riley Hugo (4)	Ed. Fr.	Lake.
Roberts, Wesley (4)	Ed. Unc.	Boonville.
Roeder, Lorena (4)	Ed. Fr.	Evansville.
Rudolph, Clarence J. D. (4)	Mu.	Evansville.
Rust, Vera M. (4)	Ed. Unc.	Evansville.
Ruston, Olive (4)	Ed. So.	Evansville.
Samples, Harold Forrest (4)	Ed. Fr.	Folsomville.
Sanford, Sophia Peterson (2)	C. Unc.	Evansville.
Scarborough, Loie May (1, 2, 3)	Ed. Fr.	Evansville.
Schmidt, Susie Mae (4)	Ed. Fr.	Evansville.
Schmitt, Alma Mary L. (1, 2, 3, 4)	Ed. So.	Evansville.
Schoene, Russell L. (1, 2, 3)	C. Fr.	Evansville.
Schoolfield, Lora (4)	Ed. Fr.	Grandview.
Schoonover, Alma Marie (4)	Ed. Fr.	Oakland City.
Schoonover, Vernedia (4)	Ed. Fr.	Oakland City.
Schultz, Gladys (4)	Ed. Fr.	Boonville.
Schwengel, Alvin (3)	Ed. Fr.	Elberfeld.

Seiler, Orwic E. (1, 2)	C. Unc.	Evansville.
Seitz, Elizabeth (1, 2, 3)	Ed. Fr.	Mt. Carmel.
Seitz, Mildred (1, 2)	C. Unc.	Evansville.
Shafer, Ruth Anna (3)	Ed. Fr.	Boonville.
Shafer, Talitha (4)	Ed. Fr.	Evansville.
Simpson, Gladis R. (4)	Ed. Fr.	Gentryville.
Simpson, Ruth (4)	Ed. Fr.	Boonville.
Small, May Elvira (4)	Ed. Fr.	Evansville.
Smith, Carrie Elizabeth (1, 2, 3)	C. Fr.	Cynthiana.
Smith, Chas. Earl (1, 2, 3)	C. Fr.	Evansville.
Smith, Fern Isabelle (4)	Ed. Fr.	Princeton.
Smith, Grace (2, 3)	C. Fr.	Evansville.
Smith, Margaret Miller (4)	Ed. Fr.	Owensville.
Smithfield, Emil Andrew (1, 2)	C. Unc.	Evansville.
Springston, Roy Edwin (1)	Ed. Fr.	Dale.
Staser, Myrtle (4)	Ed. Fr.	Princeton.
Steelman, Lucile (4)	Ed. Fr.	Hazleton.
Stevenson, Frances K. (4)	Ed. Fr.	Rockport.
Stewart, Irene (4)	Ed. Fr., Mu.	Grandview.
Still, Bessie (4)	Ed. Fr.	Newburgh.
Stork, Mary Louise (4)	C. Unc.	Evansville.
Stormont, Glenn Irvin (4)	Ed. Fr.	Evansville.
Strassell, Edith M. (4)	Ed. Fr.	Rockport.
Stratton, Herman John (1, 2, 3)	C. So.	Evansville.
Straub, Marie (4)	Ed. So.	Evansville.
Stute, Leona (4)	Ed. So.	Evansville.
Stuteville, Herbert James (1, 2, 3)	C. Fr.	Grandview.
Stuteville, Iva Jane (4)	Ed. Fr.	Rockport.
Sutter, Enola (4)	Mu.	Evansville.
Swope, Kathryn Sarah (4)	Ed. Fr.	Evansville.
Tableman, Dorothy Olga (4)	Ed. Fr.	Lamar.
Talbott, Norbert G. (4)	C. Unc.	Evansville.
Tichenor, Perry H. (1, 2, 3)	C. So.	Evansville.
Timmons, Charles McCabe (1, 2, 3)	C. So.	Evansville.
Trusheim, Ed. (2, 3)	Mu.	Evansville.
Tryon, Boyd E. (1, 2, 3)	C. Fr.	Wheatland.
Tucker, Jessie (1)	C. Unc.	Evansville.
Tuley, Mary (1, 2)	C. Fr.	Evansville.
Turnham, Mrs. G. W. (1, 4)	C. Unc.	Evansville.
Tweedy, Paul Owens (2, 3)	C. Fr.	Boonville.
Uhl, Minnie (4)	Mu.	Evansville.
Van Hoy, Jennie (4)	Ed. So.	Loogootee.
Vincent, Bessie (4)	Ed. Fr.	Boonville.
Wade, Merle (4)	Ed. Fr.	New Harmony.
Wahnsiedler, Walter J. (1, 2, 3)	C. Fr.	Evansville.
Wallace, Ruth (4)	Ed. Fr.	Evansville.
Walters, Levera (4)	Ed. Fr.	Gatchel.
Ward, Genevieve (1, 2, 3)	C. Fr.	Evansville.
Waters, Emma (3, 4)	Ed. Fr.	Rockport.
Webb, Gladys M. (1, 2, 3, 4)	C. So.	Fort Branch.

Wedeking, Lorena P. (4)	Ed. So.	Wadesville.
Weintz, Otilie (2, 3)	Mu.	Evansville.
Weiss, Mabel Louise (2)	Ed. Unc.	Evansville.
Welborn, Agnes A. (1, 2, 3)	C. Fr.	Cynthiana.
Wheaton, Mary R. (1, 2)	C. Unc.	Evansville.
Wheeler, Lucy Clarenda (1, 2, 3)	C. So.	Evansville.
Williamson, Emma Jean (4)	Ed. Fr.	Rockport.
Willison, Henrietta (4)	C. Unc.	Dale.
Willison, Mrs. Ida (4)	Ed. Unc.	Dale.
Wilson, Walter T. (1, 2, 3)	C. Fr.	Carlisle.
Windels, Lloyd A. (1, 2, 3)	C. Fr.	Dale.
Windels, Roy (1, 2, 3)	Ed. Fr.	Dale.
Wittenbraker, Flora (4)	Ed. So.	Evansville.
Wolfe, Nettie A. (4)	Ed. Fr.	Evansville.
Wolfin, Alleen Mae (2)	Mu.	Evansville.
Woods, Mary Gertrude (1, 2)	Mu.	Evansville.
Wright, E. Eloise (4)	Ed. Unc.	Evansville.
Wright, Elizabeth (1, 2, 3, 4)	C. Fr., Mu.	Evansville.
Wright, Goldena (2)	Ed. Fr.	Tennyson.
Wright, W. O. (1, 2, 3)	C. Unc.	Evansville.
Wytttenbach, Margaret Marie (4)	Ed. Fr.	Boonville.
Young, Nellie C. (4)	Ed. Fr.	Lake.
Youngblood, Flora (4)	Ed. So.	Newburgh.

COMMUNITY STUDENTS

Unless otherwise indicated the address of Community Students is
Evansville. Street and number only are given for
Community Students from Evansville.

Name	Subject	Address
Amos, Mrs. H. O.....	Literature	1021 Riverside Ave.
Ashby, Mrs. E. K.....	Literature	1002 Riverside Ave.
Atkinson, Mrs. R. N.....	Literature	715½ Main St.
Bacon, Mrs. Albion Fellows.....	Literature	
	Psychology	1221 So. First St.
Barfield, Mrs. David R.....	Literature	
	Government	427½ Up. First St.
Baughman, Mrs. J. N.....	Literature	615 So. First St.
Benezet, Mrs. Louis P.....	Literature	806 Riverside Ave.
Bennett, Rosalie I.....	Psychology	1200 So. Governor St.
Bernstein, Mrs. D. S.....	Literature	1511 So. Second St.
Berryhill, Mrs. John Hanna.....	Literature	1215 Powell Ave.
Biber, Mrs. Kate Fink.....	Literature	845 Adams Ave.
Biggers, Evelyn Maxwell.....	Literature	1103 Up. Sixth St.
Bisbee, Miss Maria.....	Literature	108 Blackford Ave.
Bomm, Mrs. Madge.....	Literature	703 Linwood Ave.
Boner, Beryl.....	Bible	1 So. Eighth St.
Bosse, Mrs. Elizabeth.....	Literature	511 Jefferson Ave.
Brand, Mary Alice.....	Literature	1 Adams Ave.
Brandley, Myrtle.....	Psychology	112 Blackford Ave.
Bray, Elizabeth.....	Literature	734 Adams Ave.
Bridwell, Mrs. J. W.....	Bible	1309 S. First St.
Brose, Emma.....	Literature	1107 Chandler Ave.
Brose, Susie Bertha.....	Bible	1121 Powell Ave.
Bryan, Mrs. Joe A.....	Literature	1123 Powell Ave.
Bugg, Mrs. T. C.....	Literature	1012 Powell Ave.
Bush, Mrs. Edward.....	Literature	
	Government	Harrison Apts.
Butterfield, Mrs. A. S.....	Literature	800 First St.
Carleton, Mrs. W. B.....	Literature	109 Madison Ave.
Carlin, Nellie B.....	Literature	12 E. Michigan St.
Carson, Mrs. Ruth H.....	Literature	816 Riverside Ave.
Chandler, Mrs. John J.....	Literature	15 Park Lane
Chappell, Mrs. DeWitt.....	Literature	316 Bayard Park Drive
Clifford, Carrie A.....	Literature	200 Washington Ave.
Clifford, Mrs. Geo. S.....	Literature	716 Up. First St.
Conn, Mrs. Anna M.....	Oral English.....	401 Adams Ave.

Name	Subject	Address
Cook, Mrs. S. W.	Literature	1203 Powell Ave.
Craig, Mrs. A. E.	Literature	
	Bible	510 So. Second St.
Craig, Mrs. Mable Ross	Literature	306 Bayard Park Drive
Crawford, Mrs. Boaz	Government	Cadick Apts.
Cutler, Mrs. J. T.	Literature	Mt. Auburn
Davidson, Mrs. Morgan	Literature	726 Adams Ave.
Davidson, Mrs. W. R.	Literature	
	Bible	1106 Powell Ave.
Davis, Mrs. Evelyn	Literature	
	Oral English	
	Bible	Newburgh, Ind.
Davis, Miss Victoria	Literature	420 Chandler Ave.
Denton, Sara Linda	Literature	1108 Powell Ave.
Droinneau, Mrs. L. P.	French	Colonial Apts.
Dunavan, Mrs. Henry	Literature	623 Second St.
Edwards, Lida L.	Literature	
	Astronomy	819 So. Second St.
Ehrich, William Seigman	French	510 Up. First St.
Ehrich, Mrs. Wm. S.	Government	510 Up. First St.
Evans, Della J.	Literature	1452 So. Second St.
Ewing, Carrie V.	Literature	108 W. Broadway
Ewing, Majl	Literature	108 W. Broadway
Fehn, Mrs. Flora	Bible	Waggoner Place
Feix, Nora	Psychology	1110 Blackford Ave.
Fendrich, Louise	Literature	317 Mulberry St.
Ficken, Mrs. A. R.	Literature	
	Bible	1516 Gum St.
Fiebig, Louise	Bible	1219 S. Eighth St.
Fiest, Louise	Literature	1004 So. First St.
Foster, E. Jean	Literature	713 Up. Second St.
French, Mrs. Donald E.	Literature	
	French	417 S. First St.
Fulmer, Martha	Literature	909 Up. First St.
Gans, Mrs. Mose	Literature	
	Government	503 Washington Ave.
Geissler, Mrs. Grace G.	Literature	1631 Up. Second St.
Gerst, Mame J.	Literature	1206 Third Ave.
Gilchrist, Mrs. Alexander	Government	
	Literature	701 First St.
Goldsmith, Nellie	Literature	703 Bellemeade Ave.
Graf, Mrs. Louis	Government	
	Oral English	
	Literature	2216 Main Street
Graham, Mrs. Roy A.	Literature	100 Sunset Ave.
Greenberger, Mrs. Gertrude M.	Literature	1018 S. Second St.
Greer, Mrs. J. C.	Literature	912 Washington Ave.
Grinnell, Melvin W.	Literature	
	Astronomy	
	Psychology	1222 So. Governor St.

Name	Subject	Address
Grosjean, Mrs. Mable Lahr.....	Literature	803 First St.
Guthrie, Grace.....	Home Economics.....	101 Heinlein Ave.
Habbe, Josephine.....	Literature	317 Parrett St.
Hall, Mrs. George.....	French	
	Literature	1012 Riverside Ave.
Halvorsen, Lula S.....	Literature	
	Government	903 Blackford Ave.
Hammer, Mrs. Tessie B.....	Literature	910 Washington Ave.
Haney, Mrs. Emma A.....	Literature	910 So. First St.
Hardesty, Mrs. Gertrude Miller.....	Literature	
	Home Economics.....	Stratford Apt. C.
Hartley, Mrs. Anna B.....	Literature	
	Psychology	3200 Division St.
*Hartley, Mrs. C. A.....	Literature	219 Read St.
Hartmetz, Louise A.....	Literature	1302 So. First St.
Hatfield, Harriet.....	Literature	1315 Chandler Ave.
Hawkins, Florence Lewis.....	Literature	128 Bayard Pk. Drive
Hayward, Ruby I.....	Literature	740 Adams Ave.
Headen, Mrs. Heber S.....	Literature	112 Bayard Pk. Drive
Hebblewhite, Mrs. G. W.....	Literature	1228 Chandler Ave.
Heim, Erna.....	Psychology	300 Geil Ave.
Heim, Louise.....	Psychology	300 Geil Ave.
Hitch, Mrs. James M.....	Oral English.....	716 Walnut St.
Hoelscher, Marie R.....	Bible	2017 Fulton Ave.
Hofmann, Sophia A.....	Literature	209 Goodsell St.
Holleman, Grace.....	Psychology	303 Hess Ave.
Hopkins, Marie C.....	Literature	1009 So. First St.
Hornbrook, Elizabeth.....	Literature	909 So. Second St.
Hughes, Mrs. Bertha Bowdle.....	Literature	
	Home Economics.....	1020 Washington Ave.
Humphrey, Lockie.....	Literature	Audubon Apts.
Hurst, Mrs. Gertrude R.....	Literature	1428 So. Second St.
Ichenhauser, Louis Morris.....	French	440 Chandler Ave.
Iglehart, Mrs. Joseph H.....	Literature	1228 Up. First St.
Igleheart, Mrs. John L.....	Literature	1025 Riverside Ave.
Igleheart, Mrs. William T.....	Literature	21 Chandler Ave.
Irving, Mrs. Raymond W.....	Literature	1515 Akin Drive
Jackson, Nellie S.....	Government	511 Up. Second St.
Jenner, Louise M.....	Literature	1208 So. Eighth St.
Johann, Lydia B.....	Literature	
	Oral English.....	1311 E. Oregon St.
Joslin, Rose B.....	Literature	623 Second St.
Kahn, Selma R.....	Literature	
	Government	1206 S. First St.
Keller, Anna E.....	Literature	
	Psychology	403 Oakley St.

*Deceased.

Name	Subject	Address
Keller, Mrs. Helen J.	Literature	900 Riverside Ave.
Kelly, Margaret	Literature	420 Up. First St.
Ketner, Mrs. Alice C.	Literature	812 Lincoln Ave.
Kibler, Mrs. V. C.	Literature	1108 So. Third St.
Kiefner, Mrs. Edward A.	Oral English Government	
	Literature	1201 Washington Ave.
Kissell, Norma	French	
Klamer, Mrs. O. A.	Literature	1608 Up. Second St.
Knapp, Mrs. B. J.	Literature	1611 Lincoln Ave.
Knickerbocker, Jane M.	Literature	1301 E. Franklin St.
Legler, Bernice	Bible	
Leich, Mrs. Carl	Literature	1242 First St.
Leich, Mrs. Clarence	Literature	
	French	610 Riverside Ave.
Leich, Mrs. Herbert	Literature	
	French	1120 Riverside Ave.
Leich, Mrs. Walter	French	704 Linwood Ave.
Levi, Mrs. S. V.	Literature	1015 Riverside Ave.
Lewis, Katherine	Bible	Colonial Apts.
Little, Mrs. Dora	Literature	916 Washington Ave.
Little, Harry Wilson	French	510 Old State Bank Bldg
Lohmeyer, Lillian	Bible	926 Chestnut St.
Luhring, Mrs. Helen L.	Literature	96 Sunset Ave.
Lutz Emma M.	Literature	1017 Third Ave.
Lytle, Mrs. Walter Channing	Literature	719 So. Second St.
McAfee, Georgia	Literature	Audubon Apts. "B"
McCollough, Ethel Farquhar	Literature	Audubon Apts.
McCullough, Nelle	Oral English	1219 So. Eighth St.
McCurdy, Hazel	Literature	922 Riverside Ave.
McMurtry, Clara E.	Psychology	
	Literature	1414 E. Oregon St.
Mann, Helen C.	Literature	421 Line St.
Mannheimer, Mrs. Morton	Literature	1123 Riverside Ave.
Martin, Precious Aiken	Literature	Aiken Place
Meeman, Gertrude	Literature	538 Jefferson Ave.
Mercer, Mrs. Emma	Bible	
Meyer, Mrs. Arthur H.	Government	1620 E. Delaware
Miller, Alma Katherine	Home Economics	520 Locust St.
Miller, Mrs. W. B.	Literature	1035 So. Third St.
Minton, Mrs. Geo. H.	Bible	1111 Powell Ave.
Mitchell, Mrs. John R.	Literature	Bellemeade Ave.
Moutoux, John T.	French	1221 E. Columbia St.
Murphy, Katherine S.	Literature	1029 Riverside Ave.
Myerhoff, Lois	Literature	220 Cherry St.
Newbold, Alice E.	Literature	116 N. Sixth St.
Newman, Mrs. William H.	Literature	525 Elliott St.
Nolan, Mrs. Val	Literature	1240 First St.

Name	Subject	Address
Norton, Mrs. Daniel F.	Literature	1108 So. First St.
Ogle, Mrs. Glenn L.	Literature	719 Hopkins Ave.
Orr, Mrs. Samuel L.	Literature	903 First St.
Page, Emma B.	Literature	701 S. Second St.
Persons, Mrs. Belle	Literature	Colonial Apts.
Phares, Mrs. J. W.	Literature	1023 Riverside Ave.
Phillips, Laura	Psychology	725 Bellemeade Ave.
Piatt, Mrs. Jas.	Literature	1224 Chandler Ave.
Pittman, Mrs. C. E.	Literature	1101 So. Second St.
Potts, Essie	Psychology	638 Madison Ave.
Ragland, Mrs. F. C.	Literature	509 Jefferson Ave.
Raleigh, Mrs. Eldora M.	Literature	Newburgh, Ind.
Raymond, Ruth	Literature	534 Jefferson Ave.
Read, Mrs. Robert E.	Literature	1047 Riverside Ave.
Reilly, Anne H.	Literature	427 First Street
Reller, Clara	Literature	
	Psychology	1117 W. Illinois St.
Ridgway, Miss Lillian	Literature	519 Washington Ave.
Robbins, M. O.	Bible	
	Oral English	
	Literature	Poseyville, Ind.
Robinson, Lula J.	Literature	11 L. Seventh St.
Rosencranz, Mrs. Richard	Literature	1126 Powell Ave.
Roth, Emma Z.	Literature	Boonville, Ind.
Russell, Mrs. Mathilde J.	Literature	420 So. First St.
Sake, Mrs. John	Literature	1127 Powell Ave.
Sanders, Laura	Literature	1704 W. Penn. St.
Sanford, Sophia P.	Oral English	8 Cadick Apts.
Sansom, Lela D.	Psychology	1015 Chestnut St.
Scales, Mrs. T. D.	Literature	Cadick Apts.
Schank, Mrs. John H.	Literature	1815 Van Buren Ave.
Schelhorn, Mrs. Geo. W.	Bible	305 Mary St.
Scherffius, Clara M.	Psychology	1750 W. Franklin St.
Schlueter, Julia Marie	Psychology	1305 Cherry St.
Schneider, Edw. F.	Bible	
	Oral English	
	Literature	Mt. Vernon, Ind.
Schoch, Ignatia K.	Bible	7 So. Second St.
Shafer, Talitha	Psychology	R. R. No. 3
Shake, B. Brooks	Bible	
	Oral English	
	Literature	1228 E. Oregon St.
Shake, Clarence A.	Bible	
	Oral English	
	Literature	McCutchanville, Ind.

Name	Subject	Address
Sheridan, Mrs. M. A.	Literature	106 Adams Ave.
Shipherd, Mrs. Louis	Literature	9 Park Lane
Shirk, Mrs. G. E.	Literature	1114 Washington Ave.
Shoppbell, Mrs. Clifford	Bible	214 Walnut St.
Siegel, Mrs. Leon	Literature	1018 Second St.
Skinner, Mrs. Anna F.	French	2 Madison Ave.
Smith, Mrs. George Davis	Psychology	Audubon Apts.
Snethen, Mrs. Verona	Government	1313 E. Delaware St.
Sonntag, Mrs. Geo. Walker	Literature	208 Sunset Ave.
Sonntag, Mrs. M. S.	Literature	1019 So. First St.
Sparrenberger, Mrs. H.	Literature	1305 Chandler Ave.
Sprague, Horace A.	Bible	
	Literature	Owensville, Ind.
Steele, Mary H.	Government	
	Oral English	803 So. Second St.
Stone, Mrs. Arthur C.	Literature	609 Madison Ave.
Stork, Mrs. D. H.	Literature	
	Bible	1323 Chandler Ave.
Stott, Ella Mary	Literature	1214 Chandler Ave.
Taylor, Hazel Jeannette	Literature	300 Chandler Ave.
Thrall, M. Louise	Literature	12 Madison Ave.
Torrance, Mrs. W. J.	Bible	
	Literature	1306 Walnut St.
Trimble, Alta M.	Literature	1040 So. Second St.
Trimble, Mrs. G. A.	Literature	312 Parrett St.
Troutman, Mrs. C. L.	Literature	1524 Gum St.
Troutman, Ruth A.	Literature	1524 Gum St.
Tucker, Jessie	Literature	510 S. Second St.
Turnham, Geo. W.	Bible	1406 E. Oregon St.
Vann, Sue	Literature	Box No. 261
Veatch, Mrs. Henry B.	Literature	234 Bayard Pk. Drive
Vickery, Elizabeth	Psychology	1127 Lincoln Ave.
Vickery, Grace D.	French	1019 Up. Third St.
Vickery, Sarah	Literature	1320 E. Columbia St.
Viehe, Mrs. Carl	Literature	745 Adams Ave.
Viehe, Mrs. E. R.	Literature	1106 Chandler Ave.
Volderauer, Mrs. Elsie	Literature	310 Bayard Pk. Drive
Walker, Dorothy G.	Literature	522 Second St.
Weaver, Elma	Literature	715 S. Third St.
Weaver, Mrs. H. F.	Literature	
	Government	1248 So. First St.
Weil, Mrs. Aaron M.	Literature	Vendome Hotel
Weil, Mrs. Emil	Literature	Powell Ave. & Evans
Welborn, Anne Acton	Literature	1028 So. First St.
Welborn, Mrs. William C.	Literature	1301 Chandler Ave.

Name	Subject	Address
Werner, Lillian.....	Bible	318 Vine Street
White, Mary E.....	Literature	816 So. First St.
Whitehead, Mrs. Bennett.....	Government	519 Monroe Ave.
Williams, Ella M.....	Literature	1135 Powell Ave.
Williams, Mrs. Frank Reed.....	Government	
	Literature	1100 Up. First St.
Williams, Rose	Literature	1137 So. Second St.
Wilson, Isabelle.....	Literature	1129 Chandler Ave.
Wilson, Mrs. William E.....	Literature	1129 Chandler Ave.
Woods, Mary Kate.....	Literature	
	Bible	1687 So. Second St.
Wray, Mrs. Jane.....	Government	1248 Up. First St.
Wright, E. Eloise.....	Oral English	
	Literature	1702 Up. Second St.
Wright, Mrs. Emma.....	Oral English.....	732 Bellemeade Ave.
Young, Elbert E.....	Bible	
	Oral English	
	Literature.....	Newburgh, Ind.

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VMA
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UNIVERSITY OF ILLINOIS

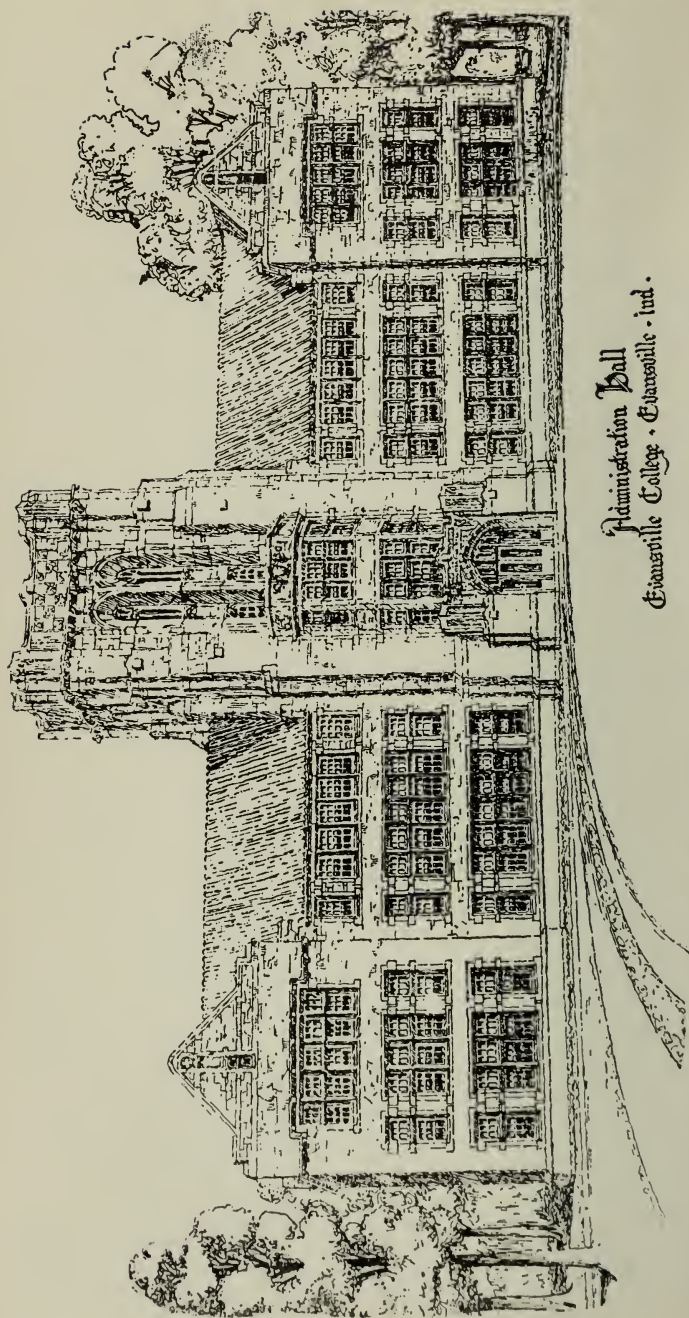
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EVANSVILLE COLLEGE BULLETIN



The College at the Center

ANNUAL CATALOG
1920-1921



Administration Hall
Evansville College • Evansville • Ind.

Ready for occupancy not later than September, 1922

Evansville College Bulletin

Volume III

January 15, 1922

Number 6



ANNUAL CATALOG SECOND YEAR 1920-1921



Announcement of Courses 1921-1922

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CORRESPONDENCE

Correspondence on any matter pertaining to the College directed to Alfred F. Hughes, President of the College, will receive prompt attention.

Requests for specific information in regard to admission, courses of study, students' ranks and standing should be directed to Charles E. Torbet, Dean of the College.

Requests for catalogs and other publications may be directed simply to
EVANSVILLE COLLEGE.

ENTRANCE CERTIFICATES

Prospective students should write to the Dean of the College for an entrance certificate. This should be filled out by high school principal and returned not later than two weeks before the opening of the quarter at which the student expects to enter. Students entering from other colleges should send in a certified statement of their credits together with a letter of honorable dismissal from the institution where they have been in attendance.

REGISTRATION

Registration takes place on the days appointed for this purpose, (See Calendar, pages 7 and 8) at College Hall, 519 Vine Street. The necessary directions for registration will be given students on arrival.

OUT-OF-TOWN STUDENTS

Out-of-town students should plan to arrive at Evansville the day preceding registration day, so that they may make final arrangements for room and board. On arrival, women should go to Sweetser Hall, 709 Upper First Street. Men should report at College Hall, unless they have engaged rooms in advance. Attention is called to directions to women who expect to live at Sweetser Hall as given on page 23 of this catalog. Students are permitted to room outside the college halls only in places approved by the college authorities.

CALENDAR-1921

JANUARY.							JULY.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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MARCH.							SEPTEMBER.						
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APRIL.							OCTOBER.						
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..	..	..	..	..	1	2	..	..	..	..	..	..	1
3	4	5	6	7	8	9	2	8	4	5	6	7	8
10	11	12	13	14	15	16	9	10	11	12	13	14	15
17	18	19	20	21	22	23	16	17	18	19	20	21	22
24	25	26	27	28	29	30	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	31	..	..	..	..	..

MAY.							NOVEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	..	1	2	3	4	5	6
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30	31	..	..	..	..	27	28	29	30	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

JUNE.							DECEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	1	2	3	4	..	..	..	..	1	2	3
5	6	7	8	9	10	11	4	5	6	7	8	9	10
12	13	14	15	16	17	18	11	12	13	14	15	16	17
19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29	30	..	..	25	26	27	28	29	30	31
..	..	..	..	..	..	..	..	..	..	..	..	..	..

CALENDAR-1922

JANUARY.							JULY.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	..	..	..	..	..	..	1
8	9	10	11	12	13	14	2	3	4	5	6	7	8
15	16	17	18	19	20	21	9	10	11	12	13	14	15
22	23	24	25	26	27	28	16	17	18	19	20	21	22
29	30	31	..	..	..	..	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	31	..	..	..	..	..

FEBRUARY.							AUGUST.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	1	2	3	4	5	..	..	..	..	..	..	1
6	7	8	9	10	11	12	6	7	8	9	10	11	12
13	14	15	16	17	18	19	13	14	15	16	17	18	19
20	21	22	23	24	25	26	20	21	22	23	24	25	26
27	28	..	..	..	..	..	27	28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

MARCH.							SEPTEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	1	2	3	4	..	..	..	..	..	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	..	..	..	..	..	..	..

APRIL.							OCTOBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	..	1	2	..	..	..	..	..	..	1
3	4	5	6	7	8	9	1	2	3	4	5	6	7
10	11	12	13	14	15	16	8	9	10	11	12	13	14
17	18	19	20	21	22	23	15	16	17	18	19	20	21
24	25	26	27	28	29	30	22	23	24	25	26	27	28
30	..	..	..	..	..	..	29	30	31	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

MAY.							NOVEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	1	2	3	4	5	6	..	..	..	..	1	2	3
7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	31	..	..	..	26	27	28	29	30	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..

JUNE.							DECEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	1	2	3	..	..	..	..	..	1	2
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	31	..	..	..	..	..	..

COLLEGE CALENDAR

1921

September 27—Tuesday.....Registration for the Autumn quarter
September 28—Wednesday.....Class work begins
November 24—26—(Thursday to Sunday).....Thanksgiving recess
December 16—Friday.....Autumn quarter ends
December 17—Saturday.....Holiday vacation begins

1922

January 1—Sunday.....Holiday vacation ends
January 2—Monday.....Registration for the Winter quarter
January 3—Tuesday.....Class work begins
February 9—Thursday.....Day of Prayer for Colleges
February 14—Tuesday.....Semi-Annual Meeting Board of Trustees
March 24—Friday.....Winter quarter ends
March 25—April 2—(Saturday to Sunday).....Spring vacation
April 3—Monday.....Registration for the Spring quarter
April 4—Tuesday.....Class work begins
May 8—Monday.....Registration for Mid-Spring quarter
June 20—Tuesday.....Annual Meeting Board of Trustees
Commencement
Spring quarter ends
June 21—Wednesday.....Registration for the Summer quarter
June 22—Thursday.....Class work begins
July 28—Friday.....Mid-Spring quarter ends
September 1—Friday.....Summer quarter ends

COLLEGE CALENDAR FOR CO-OPERATIVE HALF-TIME STUDENTS

1921

SUMMER QUARTER

June 24—Friday.....Spring quarter ends
June 27—Monday.....
...Section one registers for Summer quarter and begins class work
July 11—Monday.....
...Section two registers for Summer quarter and begins class work
August 19—Friday.....Summer quarter ends
August 22—Sept. 7, inclusive.....Vacation period for section two
.....Work period for section one
September 8—24, inclusive.....Vacation period for section one
.....Work period for section two
September 26—Monday.....Section two continues at outside work

AUTUMN QUARTER—NEW CLASS ENTERS

September 27—Tuesday.....Section one registers for Autumn quarter
September 28—Wednesday.....Section one begins class work
October 10—Monday.....Section one reports for outside work
.....Section two registers for Autumn quarter
October 11—Tuesday.....Section two begins class work
November 24—27—Thursday to Sunday..Thanksgiving recess (section one)
December 16—Friday.....Autumn quarter ends
December 17—24, inclusive.....Holiday vacation for section two
December 26—31, inclusive.....Holiday vacation for section one

1922

WINTER, SPRING AND SUMMER QUARTERS

January 2—Monday.....Section one registers for Winter quarter
January 4—Wednesday.....Section one begins class work
January 16—Monday.....Section two registers for Winter quarter
January 17—Tuesday.....Section two begins class work
March 24—Friday.....Winter quarter ends
March 25—29, inclusive.....Spring vacation for section two
March 30—April 1, inclusive.....Spring vacation for section one
April 3—Monday.....Section one registers for Spring quarter
April 4—Tuesday.....Section one begins class work
April 17—Monday.....Section two registers for Spring quarter
April 18—Tuesday.....Section two begins class work
June 23—Friday.....Spring quarter ends
June 26—Monday.....
.....Section one registers for Summer quarter and begins class work
July 10—Monday.....
.....Section two registers for Summer quarter and begins class work
August 18—Friday.....Summer quarter ends
August 19—September 6, inclusive.....Vacation period for section two
.....Work period for section one
September 7—23, inclusive.....Vacation period for section one
.....Work period for section two

BOARD OF TRUSTEES

Ex-Officio Alfred F. Hughes, D. D.....President of the College

TERM EXPIRES 1922

Bishop Frederick D. Leete.....	Indianapolis
Rev. Alfred E. Craig, D. D.....	Evansville
Rev. John W. Hancher, D. D.....	New York
E. V. Hawkins.....	Connersville
Rev. John S. Ward, D. D.....	Evansville
Rev. John C. White, D. D.....	Gary
Benjamin Bosse.....	Evansville
John J. Nolan.....	Evansville
Francis J. Reitz.....	Evansville
Charles E. Ford.....	New Harmony

TERM EXPIRES 1923

Rev. L. C. Bentley, D. D.....	Anderson
Wilbur Erskine.....	Evansville
Rev. E. A. Robertson, D. D.....	Indianapolis
G. S. Tarbox.....	Arcola, Ill.
Richard Rosencranz.....	Evansville
Benjamin F. Adams.....	Bedford
W. H. McCurdy.....	Evansville
Howard Roosa.....	Evansville
Silas Ichenhauser.....	Evansville
Herdie Clements.....	Mt. Vernon
Alan D. Albert.....	Paris, Ill.

TERM EXPIRES 1924

Bishop Wm. F. Anderson.....	Cincinnati
Walton M. Wheeler.....	Evansville
Hon. James A. Hemenway.....	Boonville
Rev. George H. Murphy.....	Columbus
*D. J. Terhune.....	Linton
S. J. Copeland, M. D.....	Indianapolis
George S. Clifford.....	Evansville
Rev. W. N. Dresel.....	Evansville
Samuel L. May.....	Evansville
Jacob V. Stinson.....	Huntingburg
George S. Waters.....	Poseyville

OFFICERS OF BOARD OF TRUSTEES

Bishop Frederick D. Leete, Indianapolis.....	President
Rev. Alfred E. Craig, Evansville.....	Vice-President
Richard Rosencranz, Evansville.....	Secretary
Wilbur Erskine, Evansville.....	Treasurer
F. R. Wilson, Evansville.....	Endowment Treasurer

*Deceased

COMMITTEES OF BOARD OF TRUSTEES**Executive Committee**

Benjamin Bosse, Chairman

Walton M. Wheeler
 Wm. H. McCurdy
 Wilbur Erskine
 Samuel L. May
 Francis J. Reitz
 Alfred E. Craig

Richard Rosencranz
 Frederick D. Leete
 George S. Clifford
 John S. Ward
 Wm. N. Dresel
 Charles Ford

Administration and Equipment

John S. Ward, Chairman

Wm. N. Dresel
 D. J. Terhune
 James A. Hemenway
 Richard Rosencranz

J. V. Stinson
 Herdis Clements
 L. C. Bentley
 George H. Murphy

Building and Grounds

George S. Clifford, Chairman

John J. Nolan
 Benjamin Bosse

Richard Rosencranz
 W. H. McCurdy

Curriculum and Faculty

Alfred E. Craig, Chairman

Howard Roosa
 Wm. N. Dresel
 S. J. Copeland

John W. Hancher
 E. A. Robertson
 Silas Ichenhauser

George S. Clifford

Degrees

L. C. Bentley, Chairman

Walton M. Wheeler
 Wm. N. Dresel

E. V. Hawkins
 E. A. Robertson

John C. White

Endowment

Wm. H. McCurdy, Chairman

Wilbur Erskine
 George S. Tarbox

Alfred E. Craig
 George S. Waters

Francis J. Reitz

Special Building Committee

Benjamin Bosse, Chairman

Howard Roosa
 George S. Clifford
 John S. Ward

Richard Rosencranz
 Alfred E. Craig
 Wilbur Erskine

George S. Waters

Nominating Committee

Benjamin Bosse, Chairman

John S. Ward
 George S. Clifford

J. W. Hancher
 Alfred E. Craig

OFFICERS OF ADMINISTRATION

ALFRED F. HUGHES, S. T. B., D. D.

President

CHARLES E. TORBET, A. M.

Dean of the College and Registrar

MRS. LUCY J. FRANKLIN, A. M.

Dean of Women

EDWARD ROWLANDS, A. B.

Executive Secretary

SHERMAN POWELL, A. B., B. D.

Financial Secretary

GEORGE B. FRANKLIN, PH. D.

Librarian

JOHANNA KLINGHOLZ, A. B.

Assistant Librarian

FACULTY

1921-1922

ALFRED FRANKLIN HUGHES, S. T. B., D. D.
President of the College

* ARVIL SYLVESTER BARR, A. M.
Professor of Education

** HENRY W. B. BARNES
Professor of Voice

HENRY JEWELL BASSETT, PH. D.
Professor of Latin and Greek

ANDREW JOHNSON BIGNEY, A. M., SC. D.
Professor of Zoology

* REGINALD WILLIAM BILLIN
Professor of Voice

ALFRED B. COPE, A. M.
Professor of Education

† ELIZABETH LOUISE COWAN, B. S.
Professor of Home Economics

GEORGE BRUCE FRANKLIN, PH. D.
Professor of English

MRS. LUCY JENKINS FRANKLIN, A. M.
Professor of Oral English

JAMES ROBERT GILLETTE
Professor of Organ and Theory of Music

OLAF HOVDA, PH. D.
Professor of Physics and Acting
Head Department of Mathematics

MAX BREWSTER ROBINSON, M. E.
Professor of Mechanical Engineering

* CHARLES WILLIAM SHUMWAY, S. T. B., PH. D.
Professor of Biblical Literature
and Religious Education

* Member of the faculty in 1920-21.

** Resigned, December, 1921.

† On leave of absence, 1921-1922.

ALVIN STRICKLER, PH. D.

Professor of Chemistry

CHARLES EDGAR TORBET, A. M.

Professor of History

THOMAS ALFRED WILLIAMS, A. M. S. T. B.

Professor of English Bible
and Religious Education

** MARY LOIS RAYMOND, A. M.

Associate Professor of Romance Languages

WALTER ABRAM TERPENNING, A. B.

Associate Professor of Sociology

WAHNITA DELONG, A. M.

Assistant Professor of English

JESSIE LUCY DUBOC, A. B.

Assistant Professor of Elementary Education

LOUIS P. BENEZET, A. M.

Lecturer on Public School Systems

MARGARET BEACHEY

Instructor in Drawing

ADA BICKING

Instructor in Public School Music

BELLE CAFFEE

Instructor in Reading and Language

* JEANNETTE M. COLLINS, A. B.

Instructor in English

MRS. DONALD FRENCH

Instructor in Piano

* GEORGE M. JANES, PH. D.

Instructor in Sociology

CORNELIA KOCH

Instructor in Penmanship

Member of the faculty in 1920-21.

* On leave of absence, 1921-22.

VERA MERRYMAN, B. L.
Physical Director for Women

* WALTER STUBBS PAINTER, A. M.
Instructor in Education

HELEN PEEPLES, B. S.
Instructor in Home Economics

OTTO PUDER
Instructor in Violin

* ESTA RICKETTS
Instructor in Home Economics

GEORGE B. SCHNURR, B. P. E.
Physical Director for Men

MARY JOSEPHINE WALKER, A. M.
Instructor in Romance Languages

* CHARLES D. DILTS, A. B.
Assistant in Chemistry

J. L. McKINNEY, B. S.
Assistant in Chemistry

* HUGO SCHUESSLER
Assistant in Public School Music

* OTTILIE WEINTZ
Assistant in Voice

CRITIC TEACHERS

Louise Atkin
Emma Balls
Carolla Bangsburg

Betty Saunders

Annette Fenneman
Florence Lutz
Adelia McClerney

* Member of the faculty in 1920-21.

STANDING COMMITTEES OF THE FACULTY

Admission and Registration—Torbet, Bassett, Bigney, Cope, G. B. Franklin, L. J. Franklin, Hovda, Robinson, Rowlands.

Athletics—Torbet, L. J. Franklin, Hovda, Robinson.

Chapel Absences—Torbet, L. J. Franklin, Hovda.

Commencement Exercises—Bigney, Barnes, Bassett, Peeples, Walker.

Community and Extension Courses—Hughes, G. B. Franklin, Robinson, Strickler, Torbet, Williams.

Curriculum—Torbet, Bigney, Cope, G. B. Franklin, Robinson.

Debate and Oratory—Hughes, Bassett, L. J. Franklin, Williams.

Faculty Social Affairs—Terpenning, Klingholz, Strickler, Walker.

Library—G. B. Franklin, DeLong, Klingholz, Terpenning.

Recommendations—Cope, Robinson, Torbet.

Religious Activities—Williams, Bassett, Bigney, Hughes.

Student Publications—G. B. Franklin, Bassett, Hovda, Rowlands, Walker.

Student Organizations and Social Events—Hughes, L. J. Franklin, Torbet.

Student Welfare—Hovda, Bigney, DeLong, L. J. Franklin.

EVANSVILLE COLLEGE

ORGANIZATION

Evansville College is organized under a charter granted February 17, 1919, by the legislature of the State of Indiana. This institution is the successor of Moores Hill College founded in 1856 at Moores Hill, Indiana. The Board of Trustees is composed of thirty-six members. The College has the support of a large constituency thruout southern Indiana, eastern Illinois and northwestern Kentucky and of a prosperous city of nearly 100,000 people. The College is thoroly Christian in its spirit, but under the terms of the charter the profession of any particular faith may not be required of students.

LOCATION

Evansville College is located at Evansville, Indiana. This thriving city is situated in the southwestern part of the State, not far from the center of a circle running thru Indianapolis, St. Louis and Nashville. It is surrounded by a rich agricultural region in three states and is the natural manufacturing and distributing center of the lower Ohio valley.

The city is easily reached by rail from all parts of the central west. Seven railroads enter the city: the Chicago and Eastern Illinois, the Southern, the Illinois Central, the Big Four, the Louisville and Nashville, the Evansville and Indianapolis, and the Louisville, Henderson and St. Louis. Evansville is also connected by traction with Princeton, Ft. Branch, Boonville, Mt. Vernon, Newburgh, Rockport, Henderson and other towns and cities in the surrounding territory.

DEPARTMENTS OF INSTRUCTION

Evansville College maintains a College of Liberal Arts with closely articulated departments of Education, Engineering, and Music. It is the policy of the College to employ instructors who in training and character are the equals of those in the best institutions of higher learning. Without departing from the well established standards of the past, it seeks constantly to relate its work to the needs of the present. The response to this program on the part of the public has been most generous. During the first year the College enrolled 303 students. The enrollment for the second year reached 443. Educators of distinction have endorsed the program of the College, and the credits of every department are accepted by the best colleges and universities.

COMMUNITY COURSES

During the past year the College has continued its policy of providing popular instruction of a high grade for persons in the community who wish to keep in touch with the best thought in some field of knowledge. Two hundred and thirty-two persons enrolled in community classes during the year. Lectures in literature, education, government, and sociology have been given in Evansville. Enthusiastic classes were also conducted at Boonville and Petersburg and at Carmi, Illinois. This work is also under way for the present year. It is the policy of the institution to extend these courses more generally in surrounding towns. Any who are interested in this work should write the President of the College.

BUILDINGS AND EQUIPMENT

Altho housed in temporary quarters, Evansville College is not handicapped by inadequate facilities. The buildings and equipment available represent an investment of hundreds of thousands of dollars. Few institutions of long standing offer superior facilities.

The work of the College is carried on in buildings as near each other as are the college buildings on any campus. Class rooms, laboratories, library and gymnasiums are all within a few steps of each other. Thus the students have their work as centralized and convenient as is the case in a college using its own buildings.

Further, these buildings are at the very heart of the city of Evansville. College Hall, which is completely utilized by the College for class-room work, is just across the street from both Central High School, with fifteen hundred students, and the Young Men's Christian Association building. It is within two blocks of the great Coliseum and within an equal distance of the business center of the city. These buildings are also within two blocks of all traction and city street car lines. Every facility of the city is thus at the disposal of the students without the expense and time of travel to and fro

College Hall

The class-room work of the College is done in College Hall, a new modern three story brick building on Vine street, between Fifth and Sixth streets. This building was erected originally for educational purposes and is splendidly appointed for college work. In addition to ample class rooms are found the library reading room, and the gymnasium, baths and dressing rooms for women. The gymnasium on the third floor is equipped with a stage and is used not only for the daily chapel exercises, but for other entertainments given by the student body.

Sweetser Hall

In the women's dormitory, known as Sweetser Hall, the young women students find an ideal home. Located on Upper First street, within ten minutes' walk from College Hall, it is in one of the most desirable residence districts to be found in all the city.

This house is one of the fine old mansions of Evansville and in point of comfort is not excelled by many of the more modern dormitories. The students occupy one side of the house. Dr. Franklin, the head of the department of English, and Mrs. Franklin, Dean of Women, make their home in the other part of the house.

Sweetser Hall is under student government in all things outside of academic requirements. The executive body is the house committee which consists of a house president, house vice-president, corridor chairmen, song and yell leader and fire captain.

Laboratories

Recognizing the great expense involved in doing the plumbing to equip thoroly laboratories for the sciences, the College makes use of the laboratories in Central High School, just across the street from College Hall. As the work in science expands other facilities will be provided. The work done in these laboratories is in no sense high school work; it is strictly of college grade and is done under the direction of the heads of the departments on the college faculty.

The department of Biology is housed in a large room less than a block from College Hall. Adequate equipment for this department has been provided.

Libraries

In addition to the library of the College, which is housed in College Hall, the students have access to the libraries of Evansville. The central, or distributing, branch of the city system occupies rooms in the Coliseum, just a block and a half from College Hall. By arrangement between the College and the Public Library Board, a member of the city staff gives her entire time to the supervision of the college library. Books from the city are delivered at the college reading room as at the regular city branches.

In addition to the Public Library the city also has a fine asset in the Willard Library—a fine old institution, richly endowed and having on its shelves a great wealth of valuable material for the student of history, literature, philosophy and fine arts.

In connection with the library attention should be called to a gift of a large number of volumes in the fields of literature and history presented during the past year by Mr. Sol Esarey of Indianapolis. These volumes constitute a very valuable addition to the library shelves.

Another gift worthy of note was the presentation to the college library by Colonel William H. McCurdy, one of the trustees, of the "Chronicles of America" published by the Yale University Press. This work consists of fifty beautifully bound volumes and is worthy of a place on the shelves of any library.

Bosse Field

For athletic events Bosse Field is available. With its hundred thousand dollar concrete grandstand and bleachers, seating eight thousand people, and its large level field, this athletic park affords opportunities for athletic events unsurpassed anywhere. It is the policy of the school to promote to the fullest extent interclass athletic contests and to urge every student to participate therein. While intercollegiate athletics are promoted, the greatest emphasis is laid upon providing for, and insisting upon, the best possible physical development for every student.

Coliseum

The Coliseum, with its seating capacity of four thousand, being the largest auditorium in the State of Indiana, is available to the College for any occasions requiring large seating capacity. In this Coliseum is housed the great Centenary organ purchased by the city of Evansville from the Methodist Centenary at Columbus, Ohio. The College owns a part interest in the organ and has the privilege of using it.

THE NEW BUILDINGS

The foregoing portion of the catalog has to do with the buildings and equipment used by the College until this time. The close of this college year, however, will mark the end of the period of using temporary buildings. Not later than September, 1922, the College will move to its permanent home on Lincoln avenue. On the campus of seventy acres owned by the College, the first group of buildings is now nearing completion.

The principal building of this group is Administration Hall. This edifice is easily one of the outstanding college buildings in the Middle West. Its lines of collegiate Gothic architecture are at once those of grace and strength. Its unique treatment of Bedford limestone, blending variegated hues in random ashlar, gives it not only an interesting individuality but distinction. It is the first structure to use the Bedford stone in this fashion.

To grace and strength it adds completeness. In this commodious edifice

are to be found an auditorium seating 600, trustees' room, four administration offices, two fireproof vaults, ten professors' offices, five laboratories, two seminar rooms, four music rooms, library reading room seating 100, stackroom for books, women's rest room, three locker rooms, and seventeen classrooms. It is planned to dedicate this building during the week of commencement in 1922.

Dr. John W. Hancher, Director of Finance for the Board of Education of the Methodist Episcopal Church who knows intimately probably as many colleges as any man in the United States, said recently of Administration Hall: "It is the most modern and complete building to care for a college during its first ten years I have seen in twenty-five years."

The following tribute comes from Mr. Wm. S. Whyte, secretary of the Indiana Limestone Quarrymen's Association: "Again have I had the opportunity of viewing the Administration Building—the first unit of the new Evansville College buildings. Words almost fail me to describe the feeling of admiration awakened by the artistic beauty of this piece of architecture.

"The selection of the Tudor style was a wise one as it is always significant of the home of scholastic attainment. The wall treatment augurs well for a future dignity of effect that will become apparent as the surrounding grounds are brought into a state of culture by the gardener. You can visualize, surely, what it implies when sprays of the 'Rare Old Ivy Green' will climb and cling to those sturdy walls.

"The excellent arrangement and diffusion of the color and textural effects of the random ashlar Indiana limestone, combined with the angular end and bed jointing of same, shows thoughtful care and taste.

"In conclusion I would say the photographs, that the field men of the Indiana Limestone Quarrymen's Association have of distinctive parts of the building, have enabled the leading architects of the country to judge what has been accomplished along this line. They have been unstinted in their praise of the development and we know your college building will be visited and inspected by many architects whose interest has been aroused."

The second building of the group is the gymnasium. This is of wood construction and is designed to serve the College only for a limited term of years. It provides, however, all the facilities necessary for such work. The playing floor (96x60) is large enough for any purpose, while at least one thousand spectators can be seated. An athletic field is being prepared adjacent to the gymnasium.

The remaining building of the group is the central heating plant. All buildings are connected with this plant by an underground tunnel. Throughout the group only the most approved methods of ventilation, heating, and lighting are used.

In addition to the above buildings provision is being made for the department of Home Economics by building an addition to a five room cottage now on the campus. This cottage will be equipped as a practice house and the additions to the building will be thoroly equipped for textile and food laboratories.

FORWARD PROGRAM

Evansville College feels that commendable progress has been made during its two and one-half years of history. Constant effort has been made to establish the academic work of the institution on a high plane of scholarship. To this end a faculty has been gathered together made up of well equipped, experienced, Christian men and women. The attendance of students with an enrollment during the second year of 443 has been all that could have been expected.

The institution has sought in the purchase of its campus of seventy acres and in the choice of the type of buildings to be used, to keep its material development in harmony with its standards of scholarship. In this also a commendable measure of success has been attained.

However, the Board of Trustees, by no means intends to rest upon past achievements. At a meeting held on November 5, 1921, a very exhaustive study was made of the needs of the College for the immediate future. A goal of \$2,500,000.00 for the next six years was decided upon as what should be undertaken.

In making this announcement the authorities of the institution well understand the difficulty of such an attainment and the great effort necessary to reach the goal. It is felt, however, that patrons of the institution should be informed as to the ideals for the work held by the Board of Trustees.

This action of the Board is in line with the determination of these men that Evansville College shall keep pace with the demands of the age and the needs of its environment.

There can be no reasonable doubt that Evansville College is destined to a large and useful future.

STUDENT ACTIVITIES

Students in Evansville College have peculiar advantages as regards student life. There is here all the enthusiasm of new organizations, mingled with the traditions of sixty years of history. It would be too much to say that in two years the student life could be as highly organized as is the case in older colleges. It is true, however, that such organizations as minister most directly and with most value to the development of the student have been successfully inaugurated.

Other activities will be entered upon as need for them may develop. Only those organizations, however, will be encouraged which are likely to make a positive contribution to the mental, moral or social life of the student. Students who seek only a good time, and who mistake the social activities of the campus for the serious business of hard study and the mental discipline acquired by the mastery of their studies, are not especially urged to attend Evansville College.

At present the College has a Young Men's Christian Association, a Young Women's Christian Association, a Student Volunteer Band, four literary societies—two for men and two for women— and an athletic organization. Several clubs have also been formed in connection with the various educational departments.

The Crescent

One of the very first enterprises begun by the students of the College was the publishing of a paper. After much discussion the name The Crescent was chosen. This name was suggested by the bend in the Ohio which gives to the city of Evansville a beautiful river front curved like a great crescent.

It is doubtful if any enterprise of the new institution has achieved success beyond that of The Crescent. The editors and assistants meet twice a week as a class in the department of English under the personal instruction of Dr. Franklin. All contributions to the paper are criticized by the class. This not only gives excellent training in journalism, but produces a paper that for genuine merit is easily among the best.

Student Government

The students of the College are organized into a Student Government

Association. It is the purpose of this association to develop self-control on the part of its members, to promote loyalty to the College, and in particular to have charge of all matters concerning the conduct of students in their college life, except such as are withheld from the jurisdiction of the association by the terms of the Agreement entered into between the students and the faculty. It is the aim of this Agreement to give the students real self government.

Acting under the provisions of the constitution the association has adopted the honor system in examinations, organized an Athletic Board for the management of athletics, and provided for the administration of the hospital fund thru a Board of Control.

All undergraduate students of the College are members of the association and subject to the operation of the constitution. The Executive Board of the association is charged with the duty of presenting the plan of the organization and the ideals of the association to all new students, during the first four weeks of each quarter. At the close of this period each new student is required to indicate his acceptance of the duties and obligations of membership in the association. No person may continue as a student who refuses to be bound by the agreement and constitution and by legislation duly enacted thereunder.

Athletics

Evansville College is fortunate in its athletic opportunities. As College Hall is directly across Vine street from the Young Men's Christian Association building, there is available for the men a thoroly equipped gymnasium. Indeed no better appointed gymnasium may be found.

Not only have the men the opportunity of the use of the building, but Mr. George B. Schnurr, Physical Director for the Young Men's Christian Association, has charge of the physical training. This work is required of all men, in order that a foundation may be laid for robust health in after life.

During the Winter quarter the students developed a men's basketball team and for the first time entered upon a full inter-collegiate basketball schedule. The young women of the College also organized a team, which made a good showing in games with local teams.

During the Spring and Summer quarters, attention was given to the development of track and baseball teams. Commendable progress was made in both lines of athletic activity.

HEALTH

The health of the students is cared for not only by systematic physical training, but by careful medical attention. Arrangements have been made with the medical fraternity of Evansville whereby each student undergoes a thoro physical examination at least once a year by competent physicians. During the past year students by this method were made acquainted with physical defects, and by proper attention these defects in many instances were remedied.

The Board of Trustees has authorized the collection from each student quarterly of a fee of \$1.00. Thus there is provided a hospital fund by means of which emergency cases of illness are cared for.

A faculty committee on student welfare has in charge all matters pertaining to the health of students and also rooming conditions. **Students are permitted to room only in houses approved by this committee.**

SCHOLARSHIPS

Altho the College has not yet available a large number of scholarships, a beginning has been made toward helping worthy young people by this method. Several students have been named by the donors as the beneficiaries of scholarship funds created during the campaign to establish a college at Evansville. There will be an increasing number of these scholarships as the notes mature.

Worthy of first mention in this connection is the scholarship consisting of the interest on \$1,000.00 established by President Alfred F. Hughes as a memorial to a son who died in infancy. The scholarship is known as the Alfred Elroy Hughes scholarship.

Other patrons of the College who have established scholarships by the payment in full of pledges made for this purpose are:

Mr. and Mrs. A. Templeton, Mt. Vernon	Income from	\$1000.00
Sarah E. Bozeman, Poseyville	" "	\$1000.00
Charles and Mary Wiley Ford	" "	\$1000.00
Sarah E. Ford, Hazelton	" "	\$1000.00
Jennie A. Headen, Evansville	" "	\$1000.00
Charles C. Kincaid, Rockport	" "	\$1000.00
W. F. Morris, Ft. Branch	" "	\$1000.00
Mary B. Nichols, Petersburg	" "	\$1250.00
Alfred Pritchett, Owensville	" "	\$1000.00
Minnie J. Teel	" "	\$1000.00

In addition to the above scholarships a fund of \$5000 from the Nelson Groendyke estate has been paid to the College upon condition that the proceeds be used in assisting worthy students from the Indiana Conference who are preparing for the Christian ministry. This money is to be used only in cases of extreme emergency.

LOAN FUNDS

Loans for a limited amount may be obtained by members of the Methodist Episcopal Church from the Board of Education. Applicants must have the recommendation of the church to which they belong, as well as of the faculty committee on student loans.

PRIZES

Dr. Samuel J. Copeland of the class of 1900 has provided a fund of \$1,000.00, the income from which is to be "disposed of annually in the form of a prize or prizes, to be given students of Evansville College under regulations prescribed by the faculty of the College, for the promotion of interest in classical education". The prize is to be known as the James Terrill Copeland Prize. The winner of this prize for last year was Miss Jane Wright.

Bishop William F. Anderson has also established an annual prize in oratory in honor of his son who died in infancy. This prize amounts to \$25.00 to be given to the winner of an oratorical contest in connection with the commencement exercises each year. It is known as the Charles Paul Anderson Prize. The winner of this prize last year was Miss Marguerite Roberts.

SELF HELP

Evansville offers many opportunities for students to earn money to help pay college expenses.

During the past year students have waited upon tables, served as jani-

tors, done desk work at the Young Men's Christian Association, and in many other ways added to their income.

The College will co-operate with students and assist them in every way possible to find positions. As a rule work is more easily obtained after the student is on the ground than before.

Attention is called in this connection to what is said about part-time courses for non-technical students on page 1 of this bulletin.

Students who find it necessary to give considerable time to earning their way will not be permitted to carry full work in college classes. All factors entering into a given case will receive consideration, but students may not plead the necessities of making their way as an excuse for indifferent work in their classes.

BOARD AND ROOM

Room and board in Sweetser Hall are furnished at \$5.00 per week. This rate is subject to revision if the cost of living should make a change necessary. The above price does not include cost of noon lunch on school days, which students get down town.

Sweetser Hall will accommodate about thirty students. Students are expected to bring the following articles: Sheets, pillows, pillowcases, bed clothing, towels, and wash cloths.

Applications for accommodations in Sweetser Hall should be made as early as possible. A retaining fee of \$5.00 should accompany the application. This fee should be made payable to the Executive Secretary of the College. Should the student decide not to enter, the fee will be returned if notice is received by the Executive Secretary by September 1st. After that date the fee is not returnable. Upon enrollment this sum of \$5.00 will be transferred to a breakage fund, from which will be paid costs of any damage done to building or furniture by student. Should there be no damage, the entire amount will be returned to the student at the close of the college year.

If Sweetser Hall should be inadequate for the accommodation of young women from out of town, additional provision will be made in suitable homes. **Before engaging rooms outside the dormitory young women must secure the consent of the Dean of Women.**

Young men will be permitted to room only in homes, which after investigation are found to be suitable. Good rooms are available in the better residence sections of the city at a cost to each of two students of from \$1.00 to \$2.50 per week. A list of approved places will be kept on file at the college office. Students may not change their rooming places without securing in advance the consent of the college authorities.

TUITION AND FEES

The following charges for tuition and fees are payable at the time of registration:

Tuition, per quarter.....\$35.00

Laboratory Fees:

Chemistry, per quarter..... 4.00

Zoology, per quarter..... 2.00

Physics, per quarter..... 2.00

Home Economics:

Cooking, per quarter..... 5.00

Sewing, per quarter..... 3.00

Gymnasium:

Men, per quarter..... 2.00

Women, per quarter..... 1.50

Non-Preparation work in music, drawing or pen-
manship, per quarter..... 1.00

Library, per quarter..... 1.00

Student Fund, per quarter..... 2.50

Special Examinations..... 1.00

Diploma Fee..... 5.00

Students who register for more than fifteen hours of work will be charged \$1.50 per quarter for each additional hour.

Students who register for twelve, or fewer, hours will be charged \$2.75 per credit hour, except that there will be no tuition charge of less than \$5.00.

A fee of \$1.00 is charged for registration on other than the days appointed for this purpose.

In case the student is compelled to withdraw before the middle of the quarter on account of illness, or for other imperative reason, \$5.00 of the fees paid are retained as an enrollment fee and \$3.00 per week for the period of attendance. After the middle of the quarter no refund will be made.

The Student Fund is applied as follows: \$1.00 to the Hospital Fund, 50 cents to the subscription for The Crescent, 60 cents for the support of athletics, and 40 cents for examination and test paper. For students enrolling for fewer than ten recitation hours per week no fee is charged for the Student Fund, except for test paper.

Children of ministers of the Gospel will be allowed a reduction of \$15.00 per quarter when enrolled for fifteen hours of work or more.

COLLEGE OF LIBERAL ARTS

TERMS OF ADMISSION

Evansville College desires as students only those young people whose school record and character are such as to indicate that they will profit by a college course. As evidence of fitness in these respects all candidates for admission are required to present certificates from the principals of their secondary schools. The certificates call for careful statements of principals as to the habits, interests and purposes of the student as manifested throughout his high school years, as well as for a record of his grades and his relative standing in his class.

All applicants for admission by certificate should write to the Registrar for an official entrance blank. This should be filled out by the Principal of the school and mailed to the College at least two weeks before the opening. It is urged that the official blank of the College be used and not that of the school. No enrollment will be regarded as completed until a satisfactory certificate is filed.

The College is more interested in the grade of work done by the student than in the particular courses pursued in the high school. For those who expect to take a regular college course, the completion of the secondary school course of four years is a minimum requirement for admission without condition. Graduates of schools accredited by state boards of education, by standard colleges, or by the North Central Association of Colleges and Secondary Schools should be able to furnish satisfactory certificates.

In general, the terms of admission to the freshman class are those recommended by the State Board of Education of Indiana for graduation from a commissioned high school.

Graduates of a certified high school must take additional work before they can be admitted to full freshman standing. Deficiencies may be removed: (1) by graduation from a commissioned high school; (2) by passing the equivalency examination, as set by the State Board of Education; (3) in the case of teachers by "charging back" an equivalent number of credits from work done in teachers' training courses. In no case, however, may substitution be made for the prescribed entrance requirements.

Specific Requirements

The course as outlined by the State Board of Education for commissioned high schools consists of work for four years of at least eight months each. A year's work of daily recitations in one subject is the unit of measurement. Sixteen units are required for entrance to the College. Students coming from high schools where a course of not less than nine months is maintained may be admitted on the presentation of fifteen units.

Eleven units are prescribed and five elective, as follows:

A. Prescribed—

1. English, 3 units. English composition and American and English literature.
2. Mathematics, 2 units. Algebra and plane geometry.
3. Foreign Language, 2 units in one language. Latin, Greek, German, French or Spanish.
4. History, 1 unit.

5. Science, 1 unit in one science. Botany, chemistry, physics, geology or zoology, general science, physiology.

6. Two additional units selected from the above subjects.

B. Elective—5 units.

The course in science presented to meet the requirements in that group must have been done with adequate laboratory facilities.

The elective credits may be from any subjects taught in the high school but it is strongly recommended that students who are preparing for college take the greater part of their credits from the prescribed subjects.

College credit may be given for advanced work done in a commissioned high school after graduation from the four years' course. As a rule no advanced credit for undergraduate work will be given, even if extra credit has been made. No college credit will be given for work done in high school until the student has done at least one quarter of college work and demonstrated his ability to do high grade work.

Candidates not presenting approved certificates may be admitted on examination. Such candidates will be required to pass on the same requirements as those admitted by certificate.

Advanced Standing

Students who come from other institutions of college grade should present letters of honorable dismissal from those institutions. They should also present full credentials for their educational work, both high school and college. These credentials should state the time the student was in attendance at other institutions, the subjects studied, the number of recitations per week and the grades received. The amount of credit granted will depend upon the standing of the institution in which the work was done and the grade of work done by the student as indicated by his grades. In no case may a student receive more than 135 hours of advanced standing toward the bachelor's degree.

All candidates for the bachelor of arts degree, irrespective of the time spent in residence, must satisfy, (1) the entrance requirements of the College and (2) the requirements for graduation from the course selected. They must complete at least forty-five hours in residence. In the case of students who spend only one year in residence this must be the last forty-five hours required for graduation. In all other cases, the last fifteen hours of the 180 required for graduation must be completed in residence, except, as this requirement may be waived by faculty action made in advance. The minimum length of residence is thirty-six weeks.

REQUIREMENTS FOR GRADUATION

The degree Bachelor of Arts will be conferred upon those students who comply with the requirements for graduation from the College of Liberal Arts, as set forth in the following pages.

Attention is called to the degree in Engineering given at the completion of the co-operative engineering course. See page 61.

Credit Hours

The term hour is the unit of credit. This unit consists of one class exercise a week in a subject, or its equivalent, continued thruout a quarter of twelve weeks. The student is expected to complete at least fifteen of these term hours each quarter and is required to offer 180 hours for graduation. In addition, work in physical education is prescribed for all students except juniors and seniors.

Prescribed Studies

The prescribed studies are arranged in groups, from which the student is required to take work as indicated below.

In advising the student the faculty will endeavor to secure a proper sequence of subjects. It will be the aim to build upon the high school course and to secure continuity in the college course. No definite number of hours is prescribed in each group. This will depend upon the courses taken.

The Groups are as follows:

GROUP I

English (language)
French
German
Greek
Latin
Spanish

GROUP II

Mathematics
Biology
Chemistry
Geology
Home Economics
Physics

GROUP III

Economics
History
Literature
Political Science
Sociology

GROUP IV

Education
English Bible and
Religious Education
Philosophy
Psychology

GROUP V

Fine Arts
Music

Each student is required to pass in the following prescribed work:

1. English composition and oral English: English 1A and Oral English 1. Group I.
2. Two years (six quarters) of some one foreign language. Students presenting for admission as many as four years of some one foreign language may satisfy the foreign language requirement by taking one additional year (three quarters) of that language. Group I.
3. One year (three quarters) from biology, chemistry, or physics. At least nine term hours in addition from Group II.
4. One year (three quarters) from one subject in Group III. At least nine term hours in addition from the group. In addition Sociology 1 is prescribed for freshmen.
5. One year (three quarters) from English Bible, philosophy or psychology, or a combination of not more than two of these. At least nine term hours in addition from the group.
6. Six term hours from art or music. Only such courses may count as have been approved for credit by the committee on curriculum.
7. Physical education, two exercises a week, is required of all students except juniors and seniors. Deferred or incomplete credits must be made up by students before graduation.

Major Subject

In addition to the above requirements each candidate for a degree must complete a major in some one subject of not less than thirty-six term hours. The major subject must be chosen not later than the Spring quarter of the sophomore year. The choice of the student must have the approval of the head of the department in which the major is to be taken. Minors and related work will also be determined by the head of the department, and the student's program when agreed upon may not be changed except by vote of the faculty, on recommendation of the head of the department.

Electives

The student will select in consultation with his adviser sufficient electives to make his total 180 hours. Not more than forty-eight hours, however, may be taken in any one department, except in departments including more than one subject. In such cases the number of hours permitted will be determined by the faculty. Juniors and seniors may not elect elementary courses for full credit except as determined by the head of the department in which the major is taken.

FRESHMAN AND SOPHOMORE PROGRAMS

As a rule the student must complete the prescribed work during the freshman and sophomore years. Entrance deficiencies must be given precedence over other subjects in the freshman year.

For freshmen pursuing a regular college course, the following program is suggested:

Required:

1. English composition (English 1A), three hours a week.
2. Oral English (Oral English 1), two hours a week.
3. Introductory course for freshmen (Sociology 1), one hour a week.
4. Physical education, two exercises a week.

Sufficient from the following to make a total of fifteen hours (exclusive of Sociology 1 and physical education):

5. Foreign language, three to five hours a week.
6. Mathematics or science, four or five hours a week.
7. Three to five hours chosen from Group III or IV.

All choice of studies by freshmen must be approved by a member of the faculty assigned to that work. Those who expect to teach before completing a college course will find it necessary to substitute work in Education for certain subjects indicated above. Other modifications will be necessary in the case of students who plan to take up a technical course.

Sophomores will be expected to complete their group requirements. They will continue work in physical education. They must choose their major subject not later than the Spring quarter, and, with the advice of the head of the department in which the major is taken, make out their programs for the remainder of the course. Changes in this program when once made out will not be permitted except by vote of the faculty on recommendation of the head of the department in which the major is taken.

CLASSIFICATION OF STUDENTS

Students who are graduates of a commissioned high school, or have completed an equivalent course, and have not more than one unit of condition will be given freshman classification. Those who have credit for forty term hours of collegiate work, with all entrance requirements met, will receive sophomore standing. In order to receive junior or senior standing the student must have credit for ninety and one hundred and thirty-five hours respectively.

SCHOLARSHIP STANDARDS

Grades are reported at the close of each quarter according to the following schedule: A plus, exceptional; A, excellent; B, good; C, fair; D, inferior; E, conditioned; F, failure. Teachers who so desire may report a minus or plus B or C.

D is the passing grade. In order to receive credit for a subject in which grade E has been received, the condition must be removed by a special examination taken within two weeks of the opening of the quarter following.

For each hour reported according to the above schedule the student receives the following value in points: A, three points; B, two points; C, one point; D, no point; E, minus one point; F, minus two points.

To be eligible for graduation the candidate must meet the following requirements: First, he must have credit for 180 term-hours. Of these, 120 hours must be of the grade C or above, and three-fourths of the major must be of the grade B or above. Second, he must have credit for an aggregate of 180 points.

At the middle and close of each quarter the student will receive a report of his standing. If he has received at the mid-quarter a grade of D, or below, in any subject, a report is sent to the parent. At the close of each quarter a report of all grades is sent to the parent, and at the close of the first and third quarters to the high school from which the student comes.

HONORS

Honors are conferred at graduation upon those students who make a high record for scholarship. Those who have to their credit 100 hours of Grade A and 50 of grade B will be graduated with honors (*cum laude*). Those who have to their credit 150 hours of grade A will be graduated with high honors (*magna cum laude*).

COURSES OF INSTRUCTION

The studies in the College of Liberal Arts, as outlined at present, are described in the pages following. It is not the policy of the College to multiply courses, but rather to meet the legitimate demands of those seeking a liberal education. The faculty believes that a few courses well taught and thoroly mastered by the student are preferable to the confusion arising from the necessity of choosing from a great number of unrelated subject. Additional courses in several departments will be announced in a later bulletin.

Courses are numbered by Arabic numerals, quarters by Roman numerals. The letters **a** and **b** following a course number indicate that the course is organized as two units of six weeks each, the letter **a** designating the first half of the course and the letter **b** the second half of the course. Superior figures 1 and 2 following a quarter number indicate that the course is given in the first or second half of the quarter respectively.

Unless otherwise stated in the description, courses are open not only to the class indicated but to students of a higher rank. Courses are not open to students of a lower rank than the class indicated.

In laboratory courses, unless otherwise indicated, two hours of laboratory work are counted as equivalent to one hour of recitation. The fees for laboratory courses will be found in the schedule of expenses, page 24.

Unless otherwise indicated courses extending over two or three quarters are to be regarded as continuous courses, and the course must be completed to count toward graduation.

Courses enclosed in brackets [] will not be offered during the first three quarters of 1921-22. The College reserves the right to withdraw courses for which the enrollment may not justify the organization of a class.

The courses in this catalog are arranged alphabetically with reference to the study, not with reference to departments.

ART

A course in drawing, two hours a week, is offered for teachers who are preparing to teach in the elementary schools. More advanced courses will be available as the demand may increase.

BIOLOGY

(See Botany and Zoology)

BOTANY

[1. **General Botany.** Open to freshmen. Three hours. Quarters I, II, III.]

CHEMISTRY

The department of Chemistry is now organized as a separate department. Courses sufficient to provide a major in the subject will be provided as rapidly as students are ready for them. Provisions will also be made for students in home economics and in industrial pursuits who may desire specialized courses. Those who expect to major in chemistry should consult the head of the department, so that he may advise them in the light of the future development of the department.

The courses as offered for 1921-22 are given below. A more complete statement with reference to 1922-23 will be published in a later announcement.

1. **Chemistry, General Inorganic.** This course consists of a systematic study of both the non-metallic and metallic elements and their compounds, considered from the standpoint of the laws of chemical combination, equilibrium, and the dissociation theory. Special emphasis will be placed on the commercial preparation and use of various compounds and the relation of chemistry to man.

Five hours—three lectures and two laboratory periods.
Quarters I, II, III.

- 1E. **Chemistry, General Inorganic.** This course is for engineering students only. It is a repetition of Course 1, given under the part-time system.

Four hours in recitation and six hours in laboratory for weeks students are in school. Quarters I, II, III.

- [2. **Qualitative Analysis.** A study in the identification of metals and acids. The class room work consists of a study of chemical reactions as related to the theory of ionization, chemical equilibrium and the law of mass action. The laboratory work will be the development of a systematic analysis for metal and acid ions, with practice on twenty "unknowns".

Pre-requisite, Chemistry 1. Five hours a week for one quarter—one lecture and quiz and eight hours in the laboratory. Quarters I and IV.]

3. **Chemistry, Organic.** This course is a study of the carbon compounds, both aliphatic and aromatic; their structure, homology, preparation, relationship, and uses. The relation of the compounds to man and life is emphasized. The laboratory work consists in the preparation, purification, identification and analysis of typical organic compounds.

Pre-requisite, Chemistry 1. Four hours—two lectures, one quiz, two laboratory periods a week. Quarters I, II, III.

- [4. **Quantitative Analysis.** This is a beginning course and develops both theory and practice in gravimetric and volumetric methods. Type rather than special cases are studied to develop technique and initiative. All samples are "unknowns". One or two technical problems are given (cement, brass, etc.). The lectures and quizzes emphasize the theoretical physical chemical principles underlying each step of the work. Many problems are given.

Pre-requisite Chemistry 1 and 2. Three hours—eight hours in laboratory and recitation. Quarters II, III.]

8. **Chemistry, Organic.** A short course covering the whole field of organic chemistry, for students in home economics and others desiring a

general knowledge of the subject. Special attention is given to foods, drugs, dyes, etc.

Pre-requisite, Chemistry 1 (first two quarters). Five hours for one quarter—lectures, quizzes and laboratory. Quarters III and IV.

ECONOMICS

1. **Principles of Economics.** A comprehensive study of economic theory Not open to freshmen. Five hours. Quarter I.
2. **Principles of Economics.** A continuation of Course 1 of the Autumn quarter.
Five hours. Quarter II.
- [3. **Economic History of the United States.** Emphasis in this course is placed upon the later periods.

Pre-requisite, Economics 1. Five hours. Quarter III.]

4. **Industrial Combinations.** This is a study of the rise and development of corporations, trusts and monopolies, special attention being given to the question of government regulation of industry.

Pre-requisite, Economics 1 or Sociology 2. Five hours. Quarter 1.

- [5. **Labor Problems.** This course traces the labor movement in the United States from its early beginnings to the present time.

Pre-requisite, Economics 1. Five hours. Quarter III.]

6. **Money and Banking.** A more intensive study of the principles of money than is possible in the elementary course.

Pre-requisite, Economics 1. Five hours. Quarter III.

EDUCATION

Students in the College of Liberal Arts may elect courses in Education to meet both group requirements and the requirements of a major. For outline of the courses offered, see page 51 of this catalog.

ENGINEERING

The College maintains a department of Engineering on the co-operative, or part-time system. An outline of the plan as adopted will be found on pages 56-63. Those interested in part-time courses should send for the special Engineering bulletin.

ENGLISH

A—English Composition

- 1A. **Elementary Composition.** The purpose of this course is to teach the student the underlying principles of correct and effective expression, and to prepare him for the courses in oral English and in advanced composition and literature.

Required of freshmen. Three hours. Quarters I, II, III.

- 2A. **Magazine Writing.** The purpose of this course is the preparation of manuscripts suitable for publication in magazines. Three kinds of writing popular in the magazines, the essay, the long article, and the short story, will be studied and practiced under criticism.

Pre-requisites for this course: English 1A and 3A, or their equivalents. Three hours. Quarters I, II, III.

- 3A. **Journalism.** This course is outlined for those students who have either completed 1A satisfactorily or have already done creditable work in journalism in a reputable high school. Only such students as have shown special aptitude for writing, or especially desire to attain proficiency in writing for publication, are admitted to this course. Reporting and the writing of feature stories and editorials are stressed. In reporting, excellent practice is had thru The Crescent, which is edited and published weekly by the members of the class. For editorials and feature writing, the three Evansville newspapers not only have opened their columns but pay well for such contributions. Every member of the class is expected to contribute to these papers.

Two hours. Quarters I, II, III.

- 11A. **Elementary Composition.** English 11A covers the same ground as English 1A. The work, however, is divided into four units instead of three as in the latter. A period of six weeks, five hours a week is given to each unit. The course is designed especially to meet the needs of students of the Spring and Summer quarters.

Each unit gives a credit of two and one-half term hours.

- 12A. **Use of Library.** This course is planned to be of immediate help to students in their use of the library while in college. It will also be of service in making available library facilities in general. Teachers and others who expect to have charge of small libraries will be greatly profited by taking the course. Among the subjects studied are: classification schemes; the use of the card catalog; magazines and magazine indexes; use of general and special reference books; and the making of a bibliography.

Two hours for one quarter. Quarters I, III, and IV.

B—English Literature

- 1B. **Types of English Literature.** In this course the development of the different forms of English literature will be studied, thru the outstanding masterpieces of each. Elective for all students and a pre-requisite for advanced courses in English literature.

Three hours. Quarters I, II, III.

- [2B. **Contemporary English and American Literature.** The purpose of this course is to familiarize the student with the chief works of the writers of the present: the short-story, the drama, and poetry will receive attention.

Three hours. Quarters I, II, III.]

- 3B. **American Literature.** In this course the history and development of American literature as a branch of English literature is studied.

Three hours. Quarters I, II, III.

- [4B. **American Writers of the Nineteenth Century.** This course will include a study of American literature from Washington Irving to the end of the nineteenth century.

Five hours. Quarter IV.]

- [5B. **Shakespeare and His Plays.** During the first quarter the study will include the work of Shakespeare in the large. In the second and third quarters a careful study of individual plays is required, not fewer than two plays for each quarter.

Three hours. Quarters I, II, III.]

English 5B will alternate annually with English 3B or 6B.

- 6B. **The Romantic Poets.** The poetry of Wordsworth, Coleridge, Shelley, Keats, Byron, Tennyson, and Browning.

Three hours. Quarters I, II, III.

- 7B. **Old English.** In this course Old English language and literature will be studied.

Three hours. Quarter I.

- 8B. **Beowulf.** This course is a continuation of 7B, which is a pre-requisite. The main purpose of the course is the reading understandingly of Beowulf in the original.

Three hours. Quarter II.

- 9B. **Chaucer.** Middle English language and literature, with special emphasis on Chaucer will be studied in this course.

Three hours. Quarter III.

- 10B. **Types of Great Literature.** This course is a repetition of the first half of English 1B.

Five hours. Quarter IV.

ENGLISH—ORAL

The department of Public Speaking is correlated with the department of English in all of its courses. The first year's work is required of all freshmen and is correlated with English 1A. The freshmen themes of English 1A are corrected and then taken to the oral English department where they are made into speeches and delivered from the platform.

1. **Elementary Public Speaking.** This course deals with the physiological and scientific principles of sound utterance; with quality, force, pitch and time as generic elements; with pronunciation, articulation, breathing, and the response of the body to thought.

This course is required of all Freshmen, and is a pre-requisite for all other courses in the department. Two hours. Quarters I, II, III.

2. **Interpretation.** Application of the principles of public speaking to the interpretation of selections from literature.

Pre-requisites: Oral English 1 and English 1A. Two hours. Quarter I.

3. **Interpretation of Poetry.** Lectures on the different forms of poetry, with special attention to the nature of each, and the interpretation of these forms. By the close of the course, each pupil must have mastered one poet, to the extent that he is able to interpret to an audience for one hour the poet's life and works.

Pre-requisites: oral English 1 and English 1B. Two hours. Quarter II.

4. **Interpretation of Drama.** This course consists of character study and impersonation; the interpretation of scenes and acts from the drama, outside of Shakespeare; and the platform presentation of one-act plays.

Pre-requisites: Oral English 1 and English 1B. Two hours. Quarter III.

- [5. **Oratory.** This course consists of the textbook study of the history of oratory, the writing and delivering of civic, panegyric and subject orations, critiques, etc.

Two hours. Quarters I, II.]

6. **Debate.** This course consists of textbook work in argumentation, brief-making and methods of reasoning. The second quarter is given to practice in single and team debates.

Pre-requisites: Oral English 1 and 2 and English 1B. Two hours. Quarters I, II.

ENGLISH BIBLE AND RELIGIOUS EDUCATION

3. **Old Testament History.** This course sets forth the ancient Semitic background from which Israel sprang together with an appreciation of the world empires with which Israel sustained international relationships. The literature of the Old Testament is related to this historical background, the whole furnishing a thoro introductory course to Old Testament study. Note books and papers are required.

Two hours. Quarters I, II, III.

4. **The Beginnings of Hebrew History.** This is an analytical study of the books of the Hexateuch. A frank discussion of the problems which arise in connection with these books is encouraged. A point of view is sought thru the application of the modern methods of sound historical criticism that will preserve the great and permanent contributions of these books to religious thought. Papers and notebooks required.

Two hours. Quarters I, II, III.

- [5. **New Testament History.** This course is designed to cover the entire range of the New Testament. Consideration is given to the political, social, economic, and religious conditions that prevailed together with an outline study of the life and work of Jesus and the organization and spread of the early Church. Collateral readings and papers required.

Two hours. Quarters I, II, III.]

6. **The Synoptic Writings.** A study and interpretation of the life, consciousness, and personal problems of Jesus based upon the synoptic records. A detailed study of Matthew with such use of Mark and Luke as will illustrate the problems involved is made. The free discussion of the meaning of the teachings of Jesus is encouraged together with their bearing upon the problems of modern life. Papers and notebooks required.

Two hours. Quarters I, II, III.

- [7. **The Great Prophets of the Old Testament.** A careful study of the

pre-exilic, exilic, and post-exilic prophets. The historical setting will be observed together with a survey of the political, social, and religious conditions that called forth the prophecies. The writings are analyzed with care and emphasis placed upon their unique contributions. Papers and notebooks required.

Two hours. Quarters I, II, III.]

- [8. **The Pauline Epistles.** A comparative and analytical study of the literary peculiarities, practical purpose, outline, and the main ideas of the Epistles of Paul. By printed analyses and carefully prepared questions the more vital exegetical details are brought to light and discussed. Papers and notebooks required.

Two hours. Quarters I, II, III.]

9. **The Principles and Administration of Moral and Religious Education.** A study of the fundamental principles underlying moral and religious education and their application to concrete and practical problems in the home, church, and school. Also the organization and administration of a scientific program within the community and the local church. Laboratory work and note books are required.

Three hours. Quarters I, II, III.

11. **Pastoral Theology.** A course designed to be of practical and immediate help to men preparing for the ministry. Discussion of pastoral duties, pulpit methods, homiletic theory and practice. Attention is given to the various activities connected with public worship. Collateral readings and notebooks required.

Two hours. Quarters I, II, III.

FRENCH

1. **Elementary French.** Grammar and easy reading. Written and oral exercises. Special emphasis on pronunciation. At the end of this course, the student should be able to pronounce correctly, to read easy French accurately, and to express himself in correct French within the limits of his vocabulary.

Open to students who have not presented French for admission
Five hours. Quarters I, II, III.

2. **Intermediate French.** Continues all the work of French 1. Readings from nineteenth century authors. Pre-requisite: French 1, or two years of high school French. Those entering this course from another school must first take examination in pronunciation.

Three hours. Quarters I, II, III.

3. **Introduction To French Literature.** A general survey with readings from classic and modern authors. Lectures and discussions. Outside reading. Pre-requisite: French 2, or four years of high school French. Three hours. Quarters I, II, III.

GREEK

1. **Elementary Greek and Xenophon.** Beginning Greek and Book 1 of the Anabasis. Thoro drill in inflections and syntax.

Open to all students. Five hours. Quarters I, II, III.

2. **Xenophon and Homer.** Anabasis, Books II to IV, and prose composition. Homer's Iliad. Study of Homeric style and verse.

Pre-requisite, Greek 1. Five hours. Quarters I, II, III.

- [4. **New Testament Greek.**

Pre-requisite, Greek 1 and 2. Three hours. Quarters I and II.]

5. **Plato and the Dramatists.**

Pre-requisite, Greek 2. Quarter I, Plato's Apology and Crito. Quarter II, Greek Comedy. Quarter III, Greek Tragedy. Three hours. Quarters I, II, III.

- [6 and 7. **Junior-Senior Courses.** The selections will vary from year to year. The list will include Thucydides, Aeschylus, Sophocles, Aristophanes, Plato, Theocritus and other Greek writers.

Pre-requisite, Greek 5. Three hours. Quarters I, II, III.]

HISTORY

1. **European History.** A survey of the medieval period followed by a more thoro study of the modern period.

Open to freshmen. Five hours. Quarters I and II.

- 1A. **European History.** The nineteenth century.

Five hours for one quarter. Quarters III and IV.

2. **English History.** A general survey of English history to the close of the nineteenth century.

Pre-requisite: History 1, or other introductory course. Three hours. Quarters I, II, III.

3. **American History.** Careful survey of American history with special reference to social and economic facts.

Five hours. Quarters III and IV.

4. **American Constitutional and Political History.** A study of American history (1) from the standpoint of the development of the Constitution, and (2) from the standpoint of political life and problems.

Pre-requisite: History 3, or equivalent. Five hours. Quarters III and IV.

5. **The Renaissance and Reformation.** A study of these movements during the fourteenth, fifteenth and sixteenth centuries.

Pre-requisite, History 1. Five hours. Quarter I.

6. **The Industrial Revolution.** A careful study of the revolution in England—its causes, progress, and results in industrial, economic and social life.

Pre-requisite, History 1 or 3. Five hours. Quarter II.

7. **International Law.** A survey of the development in theory and practice of international law.

Pre-requisite, History 1 or 3. Five hours. Quarter III.

HOME ECONOMICS

The department of Home Economics offers courses to meet the needs of three classes of students: those who wish to learn the process and principles of home-making, those who wish to major in home economics, and teachers who are candidates for the special two-year certificate. Teachers and those who take home economics as a major subject should plan their work to include related courses in other departments. They should, therefore, confer with the head of the department of Home Economics before deciding upon their programs.

1. **Foods.** General principles of food and cookery.

Three lectures and two laboratory periods a week. Five hours.

Quarters I, II.

2. **Foods.** Batters and doughs; meal plans and table service.

Pre-requisite, Home Economics 1. Five hours. Quarter III.

3. **Clothing.** A study of textile materials, their history, manufacture and use.

Three lectures and two laboratory periods a week. Five hours. Quarters I, II.

4. **Millinery.**

Pre-requisite, Home Economics 3. One lecture and two laboratory periods a week—a three-hour credit.]

5. **Clothing.** Advanced dress-making; history of costume; costume designing.

Pre-requisite, Home Economics 3. Three lectures and two laboratory periods a week—a five-hour credit. Quarter III.

6. **Food.** Diet in health and disease. Invalid cookery.

Pre-requisites: physiology and Home Economics 1 and 2. Two lectures and two laboratory periods a week. Four hours. Quarter III or IV.

7. **Hygiene, Home Nursing, Care of Children.**

Pre-requisite, Home Economics 1 and 2. One lecture and two laboratory periods a week. A three-hour credit. Quarter III or IV.

8. **The House.** Plans; sanitation; decoration; management.

Pre-requisites: Chemistry 1, Zoology 1, some work in art.

Two lectures a week—a two-hour credit.]

9. **Household Management.** Business accounts and customs. Household budgets.

Pre-requisite, Home Economics 1 and 3. Two hours. Quarter III.

10. **Practice House.** This course will be given in connection with a model house in which college women can have the actual experience, under the supervision of a teacher, of managing and doing the work connected with home-making.]

11. **History of the Family.** Survey of the field of women's activities. The relationship of home economics to social and civic welfare.]

13. The Problems of the Rural School.

Three hours a week. Quarter III. Repeated in Quarter IV.

14. General Principles. A survey course of the principles underlying food, clothing, shelter, and the wise expenditure of income.

Five hours. Quarter IV.

Teachers' Courses

Teachers who are preparing to teach home economics in the grades are offered a course in directed observation and supervised teaching (Education 9). Those who are preparing to take the provisional high school certificate are offered a course in the organization and technique of teaching home economics (Education 29) and a course in supervised teaching in the high school (Education 30).

Special Two-Year Course For Teachers

Candidates for the special two-year provisional certificate in home economics (see page 50) will be required to present the following credits:

	Hours
Home Economics (Courses 1, 2, 3)	25
Home Economics (Elective).....	13
English (Oral and Written).....	15
Science (Biology, Physiology, Chemistry).....	15
Education (Courses 1, 3, 4, 9A).....	22
Sociology 1.....	3

Non-preparation work as in the two-year course for elementary teachers, page 49.

LATIN**1. Elementary Latin.**

Open to all students. Five hours. Quarters I, II.

2. Caesar. The Gallic War. Latin composition.

Pre-requisite, Latin 1. Five hours. Quarter III.

3. Cicero; Vergil.

Pre-requisite: Latin 1 and 2 above, or two years of high school Latin. Five hours Quarters I, II, III.

4. Cicero; Livy. First quarter, a careful study of Cicero's *De Senectute* followed by a rapid reading of the *De Amicitia*. Thoro drill in syntax. Second and third quarters, *Livy Book XXI* and selections from *Book XXII* and from *Book I*.

Pre-requisites: Latin 1 and 2 and the first quarter of Latin 3, or three years of high school Latin. Five hours. Quarters I, II, III.

5. Cicero; Catullus; Juvenal. First quarter, Horace's *Odes* and *Epodes*. Second quarter, *Catullus*. Third quarter, Latin satire. Horace and Juvenal.

Pre-requisite, Latin 4. Three hours. Quarters I, II, III.

6. **History of Latin Literature.** A study of the development and decline of Latin Literature (250 B. C. to 525 A. D.). Lectures, reports on assigned readings in the various histories of Latin literature and in other reference works. Reading of typical selections in the original. Drill in rapid reading and translation.

Pre-requisite, Latin 5. Three hours. Quarters I, II, III.]

7. **Mythology.** Given in English. No language requirement. General survey of Graeco-Roman mythology, and a brief outline of Norse and Egyptian mythology. Stress is laid on the influence of the myths in English literature.

Open to all students. Three hours. Quarter II.

8. **Roman History and Politics.** A brief review of the rise and decline of Rome with special emphasis upon its political development as outlined in Abbott's "Roman Political Institutions."

Open to all students. No language requirement. Three hours.

Quarter III.

9. **Teaching of Latin.**

Open to teachers of Latin and to prospective teachers who have had four years' work in Latin. The course satisfies the requirements for those who expect to teach in the high school. (See Education 29).

Three hours. Quarter IV.

Illustrative material, such as post cards, photographs, slides and coins is employed in all the courses.

MATHEMATICS

0. **Plane and Solid Geometry.** The course is of high school grade and is given for those who are conditioned in mathematics.

Five hours a week for the Autumn quarter and for other quarters if the demand should justify.

1. **College Algebra.**

Pre-requisite, high school algebra and plane geometry. Five hours. Quarter I.

2. **Trigonometry.**

Pre-requisite, Mathematics 1. Five hours. Quarter II.

3. **Analytical Geometry.**

Pre-requisite, Mathematics 1 and 2. Five hours. Quarter III.

4. **Analytical Geometry and Calculus.**

Pre-requisite: solid geometry and Mathematics 1, 2 and 3. Five hours. Quarter I.

5. **Advanced Calculus.**

Pre-requisite, Mathematics 4. Five hours. Quarters II, III.

6. **Differential Equations.**

Pre-requisite, Mathematics 1-5. Five hours. Quarters I, II.

7. **Theory of Equations.**

Pre-requisite, Mathematics 1-5. Five hours. Quarter III.

- [8. **Solid Analytics.**
Pre-requisite, Mathematics 1-7. Four hours. Quarter III.]
- [9. **Modern Geometry.**
Pre-requisite, Mathematics 1-5. Four hours. Quarter III.]
- [10. **Descriptive Astronomy.** Systems of reference; study of the visible wonders of the heavens. Presented from the historical point of view.
Pre-requisites: Mathematics 1, 2, 3. Three hours. Quarters I, II.]

MUSIC

Candidates for a degree are permitted to elect courses in music to the amount of eighteen term hours. These courses may not be of a technical or professional character.

PHILOSOPHY

1. **Introduction to Philosophy.** This course is pre-requisite to all courses in philosophy. The problem of knowledge receives first consideration after which attention is given to the problem of being. The course concludes with a survey of the field of philosophy. Collateral reading, special papers, and notebooks are required.

Open to juniors and seniors. Three hours. Quarters I, II, III.

2. **Ethics.** The first part of this course is devoted to theoretical ethics in which the chief systems and problems of ethical theory are discussed. The latter part consists of an application of sound ethical principles to concrete social problems. Free discussions are encouraged and collateral reading and notebooks are required.

Open to juniors and seniors. Two hours. Quarters, I, II III.

PHYSICAL EDUCATION

Two years of work, two exercises a week, are prescribed for all students who are candidates for a degree or for the provisional certificates in Education.

Physical training for men is given in connection with the city Young Men's Christian Association. The physical director of the association has charge of the work. For a small fee the young men receive not only excellent instruction in physical education and efficient direction of their athletic activities, but also certain privileges such as the use of the swimming pool, in the association building.

The work in physical training for women is given by Miss Vera Merryman, Physical Director of the city Young Women's Christian Association. A general course is given in the first year followed by a more specialized course the second year.

PHYSICS

1. **General Physics.** A course covering the subjects of mechanics, sound and heat, magnetism and electricity.

Open to students who have not had physics, and to those whose high school preparation has not been sufficient to enable them to take up the more advanced courses. Four lectures or recitations a week. Quarters I, II, III.

2. **Laboratory Physics.** This course supplements Physics 1, but is to be registered for separately.

One two-hour period a week in the laboratory. Quarters I, II, III.

- [1a. **Elementary Mechanics.** A more advanced study of mechanics than that given in Physics 1.

The course is preparatory to Physics 3, and is especially designed for prospective engineers. Physics 1 and Mathematics 1, 2, and 3 are pre-requisites. Mathematics 4 must have been completed or must be taken simultaneously with the course. Three hours. Quarters I, II.]

3. **Analytical Mechanics.**

Pre-requisite, Physics 1 and 2 and Mathematics 1, 2, 3, 4.

Three hours. Quarters I, II.

- [4. **Physical Theory of Music.**

Especially for students in music, but open to any college student. Four hours. Quarter I.]

- [5. **Mechanics of Flight.**

Pre-requisites: Physics 1, 2 and 1a and Mathematics 1, 2, 3 and 4. Three hours. Quarter II.]

- [6. **Household Physics.** Especially for students in home economics, but open to others who may want a brief course in physics. As the name indicates, the course is given with special reference to the practical physical problems of life. The object of the course is to help the student understand and use intelligently the various modern appliances about the home and in industry. Two hours. Quarters I, II, III.]

PUBLIC SPEAKING

[See English—Oral.]

RELIGIOUS EDUCATION

[See English Bible.]

SOCIOLOGY

1. **College Introduction.** The aim of this course is to aid the student in properly relating himself to the conditions of college life. It also looks beyond the college period to the life work of the student. The course is given by members of the faculty and by others especially equipped to deal with certain topics. A considerable part of the course is devoted to personal hygiene. Attention of a definite sort is given to vocational guidance. The reading of books dealing with the topics discussed is required.

The course is a requirement for all freshmen. One hour a week for a year. A credit of one hour each quarter is given to those who satisfy the requirements of the course.

2. **Principles of Sociology.** A systematic study of the underlying principles of social science.

Not open to freshmen. Five hours for one quarter. Quarters I, IV.

3. **Social Pathology.** Some of the topics studied are poverty, charity,

crime, degeneration, eugenics, immigration, dissipation, urban and rural conditions, questions relating to the family and to social education.

Pre-requisite, Sociology 2. Five hours. Quarter II.

4. **Rural Sociology.** A presentation of rural life from its social point of view, its significance, conditions, and possibilities.

Five hours for one quarter. Quarters III and IV.

- [5. **The Family.** A thoro study of the family in its social aspect.

Pre-requisite, Sociology 2. Five hours. Quarter I.]

6. **Municipal Problems.** Housing, sanitation, public health, delinquency, child welfare, etc. The development of the public health movement and other welfare agencies and the increased emphasis upon the socializing aspects of religious and educational institutions.

Pre-requisite, Sociology 2. Five hours. Quarter II.

7. **Criminology.** This course deals with the development of criminological theory, individual and social factors in crime, modern methods in the treatment of criminals, and the causes and treatment of juvenile delinquency. In connection with this course visits are made to prisons and other institutions having to do with problems of delinquency.

Pre-requisite, Sociology 2. Five hours. Quarter III.

8. **Social Education.** This course considers the applications of the principles of sociology in connection with the educational program of the State. An attempt is made to trace the significance of the results of the study of sociology for educational organization and for defining points of attack for constructive leadership in various common educational situations.

Pre-requisite, Sociology 2. Five hours. Quarter IV.

SPANISH

1. **Elementary Spanish.** Grammar and reading course.

Five hours. Quarters I, II, III.

2. **Intermediate Spanish.** Continuation of Course 1. Composition and conversation. Reading from representative novels and short stories of Spain and Spanish America. Commercial subjects if desired.

Pre-requisite: Course 1, or two years of high school Spanish.

Three hours. Quarters I, II, III.

3. **Introduction To Spanish Literature.** The classic period. Cervantes. Readings from nineteenth century novelists.

Pre-requisite: Course 2, or four years of high school Spanish.

Three hours. Quarters I, II, III.

ZOOLOGY

1. **General Zoology.** This course is a fundamental one in animal life. It includes the intensive study of a few animals so as to give an understanding of their habitat, morphology, physiology and reproduction.

Open to freshmen. Five hours a week—three class exercises and four hours in the laboratory. Quarters I, II, III.

2. **Physiology.** This is a study in human anatomy, physiology, hygiene and sanitation for the students who have taken the first quarter of Zoology 1.

Five hours a week for one quarter—three class exercises and four hours in the laboratory. Quarters II, III and IV.

- [3. **Embryology.** A study of oogenesis, spermatogenesis and the development of the frog, chick and pig with comparisons with other forms.

Pre-requisite, Zoology 1. Three hours. Quarters I, II, III.]

4. **Histology.** This course deals with the microscopical structure of the cells and tissues of the human body and kindred animals. Methods of technique form a regular part of the work.

Pre-requisite, Zoology 1. Three hours. Quarters I, II, III.

5. **Genetics and Evolution.** A study of the principles underlying the growth, variation, and development of the various organisms of the earth. Heredity and eugenics are carefully studied.

Pre-requisite, Zoology 1. Two hours. Quarters I, II, III.

DEPARTMENT OF EDUCATION

The fundamental aim of the department of Education is to organize education on a scientific basis and to equip students with such a knowledge of the principles of educational psychology, school organization and management, of the specific methods in classroom subjects, of educational measurements, and of the historical development of educational institutions as will make them independent and scientific workers in practical every-day teaching.

The department offers carefully prepared courses drawn along scientific lines for rural teachers, for city elementary school teachers, for teachers of special subjects, and for high school teachers. The attention of rural teachers is called especially to the Class A and B work and the one-year course for rural teachers leading to a one-year certificate of professional training. For teachers looking forward to employment in city school systems it should be said that the best cities welcome the product of the two-year teacher's course. Many teachers are taken directly into the Evansville public schools. The College offers to high school teachers not only scientifically organized educational courses designed for those looking forward to high school instruction but also strong courses for specialization in the different academic fields.

The work of the department of Education is on a strictly collegiate basis. Courses of doubtful college grade are eliminated. The so-called "review" and general methods courses are supplanted by strong academic work of college grade and by specific methods courses including such definite, concrete and specific suggestions for the teaching of the different school subjects as have been established by the scientific methods of modern research. Students desiring advanced work will find a wide range of college courses. Education students will experience little difficulty and no loss of credit in transferring to other departments of the College or to other colleges of Liberal Arts.

THE TRAINING SCHOOL

The elementary training school of Evansville College has unusually good practice facilities. Under an arrangement between the College and the Board of Education of the city of Evansville and Knight Township, Vanderburgh County, there are three training schools: The Howard Roosa school, one of the city schools set aside for observation and practice; the Harper school, a one room rural school within two blocks of the college grounds; and the Hebron school, a three room consolidated rural school, a five minute ride from the college site. These schools are in charge of skillful, professionally trained critic teachers with the thoro background of experience that a large city school system such as Evansville and vicinity can well maintain. Thru observation, practice teaching, and laboratory periods, the courses of the department of Education are related to the work of the training school. The total result is a close correlation of theory and practice.

THE PLACEMENT BUREAU

The work of this bureau is in the hands of the committee on recommendations. This committee recommends to school authorities, who are seeking to fill vacancies, properly qualified candidates selected from present and former students of Evansville College. Recommendations are made and information given only upon the request of the authorities concerned. A thoro system of records is maintained including (a) correspondence and interviews; (b) general intelligence tests; (c) individual analyses and reports; (d) high school and college grades; and (e) teachers' estimates of miscellaneous social qualities. By this method the abilities of the different candidates are

reasonably well established and candidates so recommended may under ordinary conditions expect to succeed.

The committee seeks to serve, without charge to either, the interests of both the students and the schools which may be in need of such aid.

To former students of Evansville College the bureau will be glad to give any assistance for their professional advancement. It is urged that each former student keep the bureau informed of his changes in address and in educational work in order that the College may always have on hand the latest information about each of its students. All students looking forward to appointment should fill out the regular teacher's application form.

SPRING AND SUMMER SCHEDULE

The college calendar is arranged for the special convenience of teachers in service: April 3 the Spring quarter begins, May 8 the Mid-Spring quarter and June 21 the Summer quarter. Teachers of seven or seven and one-half months' schools can easily enter April 3rd, teachers of eight months' schools will find May 8 convenient, and teachers of nine and ten months' schools may enter June 21st. Full twenty-four weeks, if desired, can be secured after April 3, eighteen weeks after May 8th, and twelve weeks after June 21. High school graduates of seven, eight, nine, and ten months' schools will find the above plan advantageous. Thru the above arrangement those of seven months' schools can complete the regular two-year course in three Spring and Summer quarters and teach in the meantime.

The courses of the Spring and Summer quarters are organized as units of six weeks each. Each six weeks' work in a subject is a definite unit of carefully organized material. The advantages of the plan are obvious. Moreover, all educational courses of the regular school year are offered during the Spring and Summer quarters.

THE VESEY LAW

By act of the state legislature, 1919, the State Board of Education was authorized to establish an approved two-year course for the preparation of teachers of elementary schools. On the completion of this course a provisional certificate is granted, valid for four years, for teaching in the public elementary schools of the state without examination. On the completion of two years of successful teaching, within the life of the provisional certificate, the State Board of Education will grant to the teacher a life certificate to teach in the elementary schools of the state without examination.

A student who completes the regular two-year course as outlined in the department of Education of the College will be granted a provisional certificate.

The same law provides for the establishing of a four-year course for high school teachers. Graduates from this course and also graduates of a standard college are entitled to a provisional certificate valid for four years for teaching in the public high schools of the state without examination, under the following conditions: (1) that one-fifth of the college course, thirty-six term hours shall be in approved courses in education, including observation and practice teaching; (2) that the license shall be valid for teaching those subjects in which the student has earned two full years of college credit. On the completion of two years of successful teaching, within the life of the provisional certificate, the State Board of Education will grant to the teacher a life certificate to teach in the high schools of the state without examination.

Provision is also made in the law for provisional certificates and life license in special subjects: music, penmanship, drawing, physical education, home economics, manual training.

TERMS OF ADMISSION

Only graduates of commissioned high schools or persons of equivalent scholarship may enter the provisional certificate courses. Graduates of high schools, accredited for four years, however, may enter the courses for Classes A and B, and sufficient credit may be counted back from these courses to entitle the student to proceed with the certificate courses.

Admission to the department of Education is on the same general conditions as admission to other departments of the College. Each applicant for admission must present to the Dean of the College a complete certified record of his high school course. This is placed on file in the office as a part of the student's record. Blanks for this purpose may be obtained by addressing either the President or Dean of the College.

TEACHERS' CERTIFICATES

The department is accredited by the State Board of Education for the Class A and Class B certificates and for the two-year provisional certificate for elementary teachers (Class C). The College also issues a certificate of training upon the completion of thirty-six weeks, which entitles the holder (upon examination) to teach in the elementary schools of a town or city maintaining a commissioned high school.

Courses have been organized leading to the three-year junior high school provisional certificate and to the special two-year certificate in home economics, and the high school certificate. Application for the recognition of the College for granting these certificates is pending.

Candidates for the provisional certificate granted at the completion of the two-year course for elementary teachers, the three-year junior high school course or the high school course must complete at least forty-five hours in residence, exclusive of non-preparation subjects. The minimum length of residence is thirty-six weeks.

1. Class A Certificate.

Students may obtain the Class A certificate by complying with the following conditions:

- a. They must have graduated from a certified or commissioned high school.
- b. They must attend one full quarter of twelve weeks and may not be absent from class more than ten days and then only because of illness or for other absolutely unavoidable reasons.
- c. They must present sixteen credits as outlined in the first quarter of the regular one-year or two-year courses as given below. In addition each student must pursue non-preparation work to the extent of four hours per week, such work to include physical education, two exercises a week, and two exercises a week from music, drawing or penmanship.

2. Class B Certificate.

Students may obtain the Class B certificate by attending one quarter beyond the twelve weeks required of Class A students. The work for this certificate is sixteen credits as outlined in the second quarter of the one-year or two-year courses as given below.

In addition each student must pursue non-preparation work to the extent of four hours per week, such work to include physical education, two exercises a week, and two exercises a week from music, drawing, or penmanship.

3. Class C Certificate.

The course for the Class C certificate consists of two years' work as outlined below in the two-year course for elementary teachers.

THE ONE-YEAR COURSE

For Rural Teachers

Autumn Quarter

	Hours
Introduction to Education (Education 1).....	5
Rural Sociology (Sociology 4).....	5
English Composition (English 1A).....	3
The Organization and Technique of the teaching of Elementary School Arithmetic (3 hours) or Reading (2 hours).....	2
Sociology 1.....	1

Winter Quarter

Child Psychology (Education 3).....	5
Physiology and Hygiene (Zoology 2).....	5
English Composition (English 1A).....	3
The Organization and Technique of the Teaching of Elementary School English (2 hours) or Geography and History (3 hours).....	2
Sociology 1.....	1

Spring Quarter

Principles of Teaching (Education 4).....	5
Observation and Supervised Teaching (Education 9A).....	5
English Composition (English 1A).....	3
Rural Education.....	2
Sociology 1.....	1

The required non-preparation credits for the one-year course are those of the first year of the two-year course.

THE TWO-YEAR COURSE

For Elementary Teachers

First Year

Autumn Quarter

	Hour
Introduction to Education (Education 1).....	5
Biology (Zoology 1).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

Winter Quarter

Child Psychology (Education 3).....	5
Physiology and Hygiene (Zoology 2).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

Spring Quarter

Principles of Teaching (Education 4).....	5
Observation and Supervised Teaching (Education 9A).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

**Second Year
Autumn Quarter**

	Hours
Principles of Sociology (Sociology 2).....	5
The Organization and Technique of the Teaching of Elementary School Reading (Education 8B).....	2
The Organization and Technique of the Teaching of Elementary School Arithmetic (Education 8C).....	3
Home Economics, Industrial Art, or Agriculture.....	5

Winter Quarter

The Organization and Technique of the Teaching of Elementary School English (Education 8A).....	2
The Organization and Technique of the Teaching of Elementary School History, Civics and Geography (Education 8D).....	3
Supervised Teaching (Education 9C).....	5
Elective.....	5

Spring Quarter

Public School Systems (Education 5).....	2
Psychology of Elementary School Subjects (Education 7).....	3
American or Modern European History.....	5
Economics.....	5

In addition to the above each student will be required to take non-preparation courses to the extent of four exercises a week during the two years. Physical education, two hours a week, must be one of these; the remaining credits may be offered in public school music, drawing, penmanship, etc.

THE THREE-YEAR COURSE

For Junior High School Teachers

First Year

Autumn Quarter

Introduction to Education (Education 1).....	5
Biology (Zoology 1).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

Winter Quarter

Child Psychology (Education 3).....	5
Physiology and Hygiene (Zoology 2).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

Spring Quarter

Principles of Teaching (Education 4).....	5
Observation and Supervised Teaching (Education 9A).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

Second Year

Autumn Quarter

Principles of Sociology (Sociology 2).....	5
Modern Language.....	5
Elective (Major).....	5

Winter Quarter

American or Modern European History.....	5
Modern Language.....	5
Elective (Major).....	5

Spring Quarter

Psychology of the Elementary School Subjects (Education 7).....	3
Teaching of a Special Subject.....	2
Modern Language.....	5
Elective (Major).....	5

Third Year**Autumn Quarter**

Economics (Economics 1).....	5
Elective (Major).....	5
Elective (Minor).....	5

Winter Quarter

The Junior High School.....	5
Elective (Major).....	5
Elective (Minor).....	5

Spring Quarter

Supervised Teaching.....	5
Elective (Major).....	5
Elective (Minor).....	5

The terms "major" and "minor" as used above refer to the major and minor subjects required for graduation from the College of Liberal Arts (see page 28).

Students in the three-year course are required to take non-preparation subjects as prescribed under the two-year course.

SPECIAL TWO-YEAR COURSE

A special two-year course in home economics for the preparation of teachers or supervisors of this subject has been organized and has the approval of the supervisor of teacher training. Application for the accrediting of this course by the State Board of Education is pending.

The work required for the provisional special certificate is as follows:

- (a) Fifteen hours in English as prescribed in the two-year course.
- (b) Twenty-two hours in special professional subjects, including special method and observation and supervised teaching of the special subject.
- (c) Forty-five hours in the home economics.
- (d) Elective, eight hours.
- (e) Non-preparation credits as prescribed in the two-year course for elementary teachers.

An outline of the course as offered will be found under the department of Home Economics, page 30.

FOUR-YEAR COLLEGE COURSE FOR TEACHERS

This course aims to meet the needs of two classes of students: (1) graduates of the two-year course who desire to complete a regular four-year college course for teachers; and (2) Liberal Arts students, majoring either in Education or in some other academic department, who expect to teach and who desire the high school teachers' certificate.

The requirements for graduation from the four-year course are as follows:

- A. Graduates of the two-year course who are majoring in an academic subject other than education and who desire the high school teachers' certificate: (1) twenty additional hours in education over and above that required in the two-year course; (2) thirty-six hours in a major subject; (3) thirty hours in a minor subject.
- B. Graduates of the two-year course who are majoring in education and who desire the high school teachers' certificate: (1) twenty additional hours in education over and above the two-year course; (2) a second major subject outside the field of education, with thirty hours of credit; (3) a minor subject with thirty hours of credit.
- C. Liberal Arts students who are majoring in an academic subject other than education and who desire the high school teachers' certificate: (1) thirty-six hours of education as outlined below; (2) a major subject outside the field of education with thirty-six hours; (3) a minor subject with thirty hours of credit.
- D. Liberal Arts students who are majoring in education and who desire the high school teachers' certificate: (1) thirty-six hours in education as outlined below; (2) a second major subject in one of the other academic subjects with thirty hours of credit; (3) a minor subject with thirty hours of credit.

COURSES OF INSTRUCTION

Courses are numbered by Arabic numerals, quarters by Roman numerals. The letters a and b following a course number indicate that the course is organized as two units of six weeks each, the letter a designating the first half of the course and the letter b the second half of the course. Superior figures 1 and 2 following a quarter number indicate that the course is given in the first or second half of a quarter respectively. The courses offered in the Mid-Spring quarter are those of the last half of the Spring quarter and the first half of the Summer quarter. The number of hours of credit is always stated in term hours. A term hour is one class exercise a week, or its equivalent, for a period of twelve weeks.

A list of the courses offered follows. A bulletin will be issued in February giving a fuller description of courses.

ELEMENTARY GROUP

1. Introduction to Education.

- a. An elementary course designed to introduce students to the study of education by scientific methods.
- b. The second half quarter is devoted to a general introduction to the problems of rural education.

Five hours. Quarters I, III, IV.

3. Child Psychology.

- a. A scientific study of the child.

- b. The second half includes a study of the child's physical make-up, his reflex acts, his instincts, his mental processes and methods of training these.

Five hours. Quarters II, IV (First half).

4. Principles of Teaching.

- a. A general survey of the problems of classroom organization and control.
- b. A study of lesson planning, questioning and the general principles of the recitation.

Five hours. Quarters III, III² (4a), and IV.

- 5. Public School Systems.** A course in the general problems of organization and administration of public schools in which the elementary school teacher is given a view of the working of the entire school system.

Two and one-half hours. Quarters III² and IV².

- 7. Psychology of the Elementary School Subjects.** The course includes a detailed discussion of the mental processes involved in the learning of each of the elementary school subjects: reading, arithmetic, handwriting, history, geography, etc. Text: Freeman, "Psychology of the Common Branches."

Two and one-half hours. Quarters III¹ and IV¹.

8. The Organization and Technique of the Teaching of the Elementary School Subjects.

8A. English. Two hours. Quarter II. Two and one-half hours Quarter III.

8B. Reading. Two hours. Quarter I. Two and one-half hours Quarter III².

8C. Arithmetic. Three hours. Quarter II. Two and one-half hours Quarter IV².

8D. Geography, History and Civics. Three hours. Quarter II. Two and one-half hours. Quarter IV¹.

- 9. Directed Observation and Supervised Teaching.** A course in the practical application of educational principles, intended to equip the student-teacher, as nearly as possible, with a knowledge of the materials, methods and aims of actual school room conditions.

Students in the two-year course will take 9A or 9B in the first year and 9C or 9D in the second year.

Each course is five-hour credit.

9A. Observation and Supervised Teaching in the city schools.

9B. Observation and Supervised Teaching in the rural school.

9C. Supervised Teaching in the city schools.

9D. Supervised Teaching in the rural school.

10. **Rural Education.** Consideration of social and economic problems in rural communities; adaption of schools to meet social and economic conditions of rural communities; organization and administration of rural schools; the rural school a social center; industrial activities in the school; needs in rural education; curricula; boys' and girls' agriculture clubs; recreation and play; training of teachers for rural schools; special methods; equipment of rural schools; extension service thru the rural school; education for the home; and improving teachers in service.

ADVANCED COURSES

In general, courses of the elementary school group are open only to students in the first two years of their college course and advanced courses to students in their junior and senior years. Education 3, 4, 7 may be elected in a four-year course, but cannot be offered as substitute for required work. Education 1, 24, 25, 29, and 30 are required.

20. **History of Modern Education.** The following topics are studied: the influence of the Reformation and Counter-Reformation upon the development of modern social forces; the gradual secularization of social life and education; the reforms introduced into elementary school system and practices by such men as La Salle, Lancaster, Rousseau, Pestalozzi, Herbert, and Froebel. Also the Latin Grammar Schools and the academies of England and America will receive attention. The chief emphasis in the study of the high school will be upon the curriculum. Text: Parker, "History of Modern Education."

Two and one-half hours. Quarters IV².

21. **Public School Administration.** This course aims to acquaint the student with the sources and typical examples of the literature of school administration, the principal problems in the field, and the current statistical and measuring methods of treating these problems.

Five hours.

22. **High School Administration.** This course deals with the practical problems of high school administration, including the relation of the high school to the elementary school, junior high school, and the college; statistical studies as tests of efficiency; the making of curricula and of programs; the reorganization of the material of secondary education; social organization; moral instruction and training.

Two and one-half hours. Quarter IV¹.

23. **Curriculum.** This is an introductory course in the study of the curriculum. It deals with the objectives of education in the various fields of training for vocation, citizenship, physical efficiency, leisure occupation, languages, parental responsibilities, morality, and religion; with some of the elemental principles that relate to the materials of instruction to be used in attaining the particular objectives discussed; and with methods to be employed in discovering the proper content of courses of study.

Five hours. Quarter I.

24. **Educational Psychology.** A systematic course treating of the psychological basis of educational theory. It is designed to meet the needs of junior and senior students who have had little previous

training in psychology and psychological background of educational principles. Texts: Pillsbury, "Essentials of Psychology"; Starch, "Educational Psychology", Woodrow, "Brightness and Dullness in Children".

Five hours. Quarter II.

- 25ab. **Educational Measurements and Tests.** An intensive study of the standard-test movement in education; a brief historical perspective; principles underlying the demand for standards; attempts to standardize the content of the course of study; an organization of the principal tests designed to measure the outcomes of specific studies in elementary and secondary curriculum; a critical discussion of the validity of the tests; principles of design and methods of construction; the use of standard tests to the administrator, to the teacher, and to school reviews. Text (First half): Rugg, "Statistical Methods"; text (Second half): Monroe, "Educational Measurements and Tests".

Five hours for one quarter. Quarters III, IV.

26. **Industrial Education.** This course deals with the place of industrial activities and industrial training in the various levels of instruction. Special study is made of (a) prevocational work in the junior high school; (b) unit trade courses in the senior high school; and (c) continuation, co-operative, apprentice, evening and factory schools.
27. **Social Psychology.** An advanced course dealing with the social side of instincts and emotions, including suggestions and imitations. Special consideration is given to the importance of these topics in childhood and in adult social life.

Five hours. The course as given in 1921-22 extends over two quarters.

29. **The Organization and Technique of the Teaching of the different High School Subjects.**

The different courses aim to give thoro acquaintance with the selecting, organization and presentation of the materials of instruction of such subjects.

Three hours.

- 29A. The Organization and Technique of the Teaching of Science in the Junior and Senior High School.
- 29B. The Organization and Technique of the Teaching of Home Economics in the Junior and Senior High School.
- 29C. The Organization and Technique of the Teaching of English in the Junior and Senior High School.
- 29D. The Organization and Technique of the Teaching of Modern Languages in the Junior and Senior High School.
- 29E. The Organization and Technique of the Teaching of History and the Social Sciences in the Junior and Senior High School.
- 29F. The Organization and Technique of the Teaching of Mathematics in the Junior and Senior High School.

29G. The Organization and Technique of the Teaching of Latin in the Junior and Senior High School. This is the course offered in the Department of Latin as Latin 9.

30. **Directed Observation and Supervised Teaching.** This course is given with reference to a number of the different high school subjects. The course provides for one quarter of actual teaching. The details of the course will be announced later.

Five hours.

31. **Research in Educational Problems.** An advanced course open only to students in their senior year or above who are making special investigations and have their problem fully outlined.

DEPARTMENT OF ENGINEERING

CO-OPERATIVE HALF-TIME COURSES

In response to the demand in Evansville and the tri-state region for technically trained men, the trustees of Evansville College on June 8, 1920, authorized the organization of a department of Engineering. The first class was admitted the following September. New classes are admitted only in September of each year, except where the number of applicants is sufficient to warrant the formation of a special class entering in April at the beginning of the third quarter. Special students, desiring to study particular subjects, may be admitted at any time such subjects are regularly scheduled. (See paragraph on unclassified students, page 61).

As the size of each class is limited by the number of available co-operative jobs, and by general business activity, candidates for admission should make application as early as possible in order that a place may be reserved and the necessary arrangements made for their outside employment. Candidates residing in or near Evansville will find it most satisfactory to call in person. All others should write the Director of Engineering for an entrance certificate blank, or for any further information.

For calendar of department of Engineering see page 8 of this catalog.

THE CO-OPERATIVE PLAN

After a careful survey of the work at the other technical schools, the trustees and faculty selected the "Cincinnati Plan" or the co-operative part-time system as being the one best adapted to the needs of Evansville and the surrounding country. This system is no longer an experiment, having been in successful operation at the University of Cincinnati since 1906, and adopted in one form or another by such schools as Georgia School of Technology, Harvard University, Carnegie Institute, Massachusetts Institute of Technology, the Municipal University of Akron, Antioch College, and others.

In the co-operative system, there has been recognized the fallacy of expecting a student to prepare himself for his life work when completely removed from its atmosphere, as is the case when a student pursues an ordinary four-year college course. No technical school in the country has yet succeeded in bringing the influences and responsibilities of life's workshops into its school shops and laboratories, and only too often, such school shops are filled with equipment which becomes antiquated soon after installation. With the adoption of the co-operative system, every industrial establishment, public utility and engineering project in Evansville and neighboring counties becomes a potential laboratory or workshop for the students of Evansville College. "The city is our laboratory", the slogan of the department of Engineering, suggests tremendous possibilities, many of which are already being realized. No pains are being spared to provide on the campus such additional laboratory equipment hereinafter mentioned as will permit the highest standards of laboratory work.

STUDENTS WORK HALF TIME

Students in co-operative courses in Evansville College spend one-half their time working for wages in the employ of some co-operating firm, thus gaining practical experience at the same time they are studying theory.

The work is usually arranged to come in alternate bi-weekly periods thruout the course. The jobs are located and assigned to students by the College, and each student is then sent to apply for his job in person. This is partly for the student's experience and partly to give the employer some choice in selecting his "co-ops."

In the early part of the course, the outside work of the student is of a manual nature, involving only minor responsibility, and he is often classed as a "laborer," "helper" or "special apprentice." However, as he gains experience and maturity, he is assigned to more responsible work, and at graduation he is fitted to handle work far in advance of that usually given to the inexperienced college graduate. The wages paid to students for this work are about the same as would be paid other workers doing the same class of work. (See next page).

In order that the outside job may be fully manned thruout the year, students are paired, one man of each pair attending classes for two weeks while the other works on the job. During the succeeding two weeks the man who went to school reports on the job while his "alternate" attends school. Of course all work in school is repeated for the second group of students, so that nothing is missed. School vacation periods are divided between the two students of a pair so that one or the other may always be on the job.

Students placed with the larger concerns are encouraged to remain with the one concern thruout the course, working thru the various departments. By so doing they will either work into a position with their employer upon graduation, or will merit from him a letter of recommendation, valuable because based upon an actual record of continuous and faithful work. Students placed with smaller concerns may be transferred to new employment at yearly or half-yearly intervals, as may be agreed, allowing them to secure as wide an experience as if they had been working for one of the larger companies.

Wherever possible, a general program of work for each student is agreed upon between the College, the student and his employer, and is adhered to as closely as business conditions permit, unless changed by mutual consent.

While a student is at work, he is subject to all the rules and regulations imposed by his employer upon the other employees. All existing labor laws and conditions, including those pertaining to liability for accident apply to the student in the same way as to any other employee.

No employer is obligated to retain in his employ any student who fails to give satisfaction. While the student who does not "make good" for reasons beyond his control will be given every consideration, students failing to satisfy their employer through gross carelessness or lack of effort may, at the discretion of the faculty, be dropped from the course.

CO-ORDINATION OF WORK AND THEORY

Each co-operative student is regularly visited at his place of work by some member of the engineering faculty, who consults freely with the student, his foreman and higher executives concerning the student's work. He observes the work, explains difficult points, and directs the student's attention to many details in his surroundings which might otherwise go unnoticed.

The instructor thus carries back to the co-ordination class in college a mental picture of the student's work and surroundings, and can intelligently direct a discussion of each student's problems. The co-ordination class is the medium thru which every student receives some benefit from every other student's experiences; in which the instructor points out direct applications of theory; and in which individual courses of study relating directly to the practical work are mapped out for each student. This is the only study

required of students during their weeks of work, as they are expected to give their whole strength to the work of their employers.

The close contact between the instructors and the work in the shops or field results in a much more practical grade of instruction than would otherwise be the case.

WAGES PAID STUDENTS

While the primary object of the co-operative system is the practical experience to be gained, the money paid in wages enables many a student to gain an education that would otherwise be unattainable. The wages paid beginners in Evansville average between twenty and forty cents per hour, and are advanced as students demonstrate their adaptability and faithfulness. While for obvious reasons the College can make no guarantee as to the wages a student may earn, it will use its best efforts to place needy students advantageously, and to secure for them such a wage as their services merit. Of this, of course, the employer must be the final judge. It is not believed that the co-operative work will meet the entire expenses of out-of-town students who must pay board and room rent. Such students are urged, therefore, to have sufficient funds available to carry them through their first year with the help of an average wage. (See page 60).

EVANSVILLE AN INDUSTRIAL CENTER

Evansville, with its diversified business activities, is a splendid field for co-operative experience. Here may be found machine shops, foundries, railroad shops, electrical manufacturing companies, furniture factories, steel and iron shops, power houses, telephone companies, building contractors, architects, city and county engineering departments, etc.

As the industrial co-operation is arranged upon a business rather than a charitable basis, the employment for students will be steady and dependable. Even during the severe depression of the past year, cases of unemployment among co-operative students have been but occasional and temporary, lasting only until new jobs could be arranged.

The most prominent manufacturers and employers of Evansville and vicinity have endorsed the co-operative courses in Evansville College, and are employing its students. They are especially watching the progress of the first few classes of students, believing that they are collectively training a group of men from which they will select their future executives, designers and salesmen. Many desirable openings in diverse fields will undoubtedly await those who successfully complete the five years of rigorous technical training herein outlined. Students desiring to locate elsewhere after graduation will be given every possible assistance, including such recommendations as they may have earned from their co-operative employers.

Firms who have employed co-operative students during the past year include the following:

The Bennighof-Nolan Company, Overland Garage.

The Bucyrus Company, manufacturers of steam shovels.

The City Water Works Filtration Plant.

The Evansville Tool Works, manufacturers of tools.

The Faultless Caster Company, manufacturers of casters.

The Globe-Bosse-World Company, furniture manufacturers.

The Hercules Companies, manufacturers of gas engines and buggies.

The Hill Garage, Princeton, Ind., general garage work.

The A. J. Hoffman Construction Company, general contractors.

The International Steel and Iron Company, structural engineers; bridges and steel work.

The Karges Furniture Company, furniture manufacturers.

The Liberty Motors Company, general garage work.

The A. L. Maxwell Company, Princeton, Ind., Ford Garage.

The Scarborough-Davies Company, general contractors.

The Southwestern Broom Company, broom and paper tray manufacturers.

The Sunbeam Domestic Appliance Company, manufacturers of washing machines.

The Sunbeam Electric Company, manufacturers of farm lighting plants and headlights.

The Vulcan Plow Company, manufacturers of plows and implements.

The Wemyss Furniture Company, furniture manufacturers.

Many other concerns have promised their hearty co-operation when needed.

EMPLOYMENT IN STUDENT'S HOME TOWN

A development of interest to out-of-town students is the practicability of securing employment for such students in their home towns. Under this arrangement, two students, coming from a town where suitable work can be located, are enabled to live at home during work weeks, saving more than enough in the cost of room and board to offset their expenses to and from Evansville for the alternating periods of college instruction. Two men of a pair usually arrange to use the same room alternately in Evansville. Students desiring such employment outside of Evansville should communicate with the Director of Co-operative Employment, who will visit the proposed place of work and will make the necessary arrangements, should conditions be satisfactory.

LABORATORY FACILITIES

"The City is our Laboratory."

It is the policy of the department of Engineering to provide a wide range of instruments and equipment for engineering testing and for the illustration of theory. Enough apparatus to be tested is furnished to acquaint the students thoroly with scientific test methods. Practice in applying these methods will be obtained by classes, under supervision of instructors, using industrial equipment of co-operating firms, either in their own plants or at the College. Thus, a class in steam engineering, having learned methods of boiler and furnace testing in the heating plant of the College, will take the necessary instruments from the College to a plant in actual operation, and there make such tests as may be arranged between the instructor and the engineers in charge. The intimate relations with all branches of industry fostered by the co-operative system makes available for the College a greater variety of modern equipment than could possibly be purchased and maintained in a college laboratory.

Complete equipment for teaching surveying, including transits, levels, poles, etc., will be available for the instruction in this subject to be given for the first time during the summer quarter of 1922.

For the course in materials testing, the following equipment is being provided: Universal tension, compression, and flexure machine, capacity

100,000 lbs., with all instruments necessary for making a wide variety of tests; Torsion machine, capacity 60,000 inch pounds; Cast Bar Flexure Machine, 5,000 lbs. capacity.

For courses in direct and alternating current electricity to be given first in 1923, adequate laboratory facilities are being planned.

For power engineering, ventilation, etc., the entire heating and ventilating system of the new college buildings is being made an integral part of the testing laboratories. Included in this equipment are the following: two 110 horse-power, 125 lb. pressure, Brownell horizontal return tubular boilers; one standard furnace with Cokal hand stoker; one Hawley down-draft furnace with shaking grates; numerous motor driven bilge pumps, circulating fans, exhaust fans, steam water heater, vacuum pump, boiler feed pump, injectors, etc.

No pains are spared to acquaint students with important engineering developments around Evansville and vicinity. Such projects as roads, bridges, large buildings, power plants, Ohio River dams, sewers, water and gas mains, utility appraisals, etc., occur within the course of every student.

School foundries, pattern shops and machine shops are unnecessary with the co-operative system, as this work is more effectively encountered by the students in their outside employment under actual working conditions.

TUITION AND NET EXPENSE

For details as to tuition and fees, see page 24.

The school and living expenses for the freshman student in engineering, covering four quarters, will usually come within the following limits, the exact amount depending on the personal requirements of the individual.

	Minimum	Maximum
Tuition and Fees, four quarters.....	\$159.00	\$159.00
Books and Drawing Instruments.....	20.00	40.00
Board and Room, 48 weeks, \$5.00 to \$9.00 per week.....	240.00	432.00
Laundry and Miscellaneous.....	50.00	100.00
Total.....	\$469.00	\$731.00

WAGES FOR OUTSIDE WORK

Probable minimum, 25c per hour, 24 weeks of 44 hours each.....	264.00	
Probable maximum, 45c per hour, 24 weeks of 55 hours..		594.00
Net Expense.....	\$205.00	\$137.00

The above estimates are not accurate but will give the prospective student the figures on which to base his own personal estimate. Mature students, or those with considerable experience are often able to earn all their expenses. The average student, however, should have at the outset a minimum of about one hundred and fifty dollars to help him thru his freshman year. Should he earn a minimum wage with greater than minimum living expenses, this figure will be correspondingly higher. This should be in addition to allowances for clothes and travelling expenses. The expenses for succeeding years are about the same as for the freshman year, but, due to the increasing wages of the student, are more nearly off-set by the outside work.

TERMS OF ADMISSION

The requirements for entrance as a regular student in the department of Engineering are nearly the same as for the Liberal Arts students, as outlined in detail on page 25. The following are the only exceptions, and should be carefully noted:

- A2. **Mathematics.** Three units are required, including algebra, advanced algebra, plane and solid geometry.
- A3. Foreign language units are accepted but are not required. Two additional elective units may be offered in their stead.
- B. **Elective.** Six elective units are required, including two language units or substitutes therefor, as mentioned under A3, above.

Advanced standing will be granted Engineering students on the terms explained on page 25.

REQUIREMENTS FOR GRADUATION

The degrees hereinafter mentioned (page 62) will be conferred upon those students who satisfactorily complete their prescribed or elective courses as set forth in the following pages. These courses consist of 180 term hours of college work, the same as the requirement in the College of Liberal Arts and must be completed in accordance with the scholarship standards described on page 29.

Credit Hours

The term hour is the unit of credit. This unit consists of one class exercise a week in a subject, or its equivalent, continued thru one quarter of twelve weeks or two quarters of half-time school work, as in the case of most engineering students. All part-time students taking a regular course are expected to complete about ten of these term hours each quarter. Full time students are expected to complete fifteen. All students are required to offer 180 term hours for graduation. In addition, work in physical education is prescribed for all freshmen and sophomore students, and for pre-junior co-operative students.

CLASSIFICATION OF STUDENTS

Students who are graduates of a commissioned high school, or have completed an equivalent course, and have not more than one unit of condition will be given freshman classification. Part-time students who have credit for thirty term hours of collegiate work, with all entrance requirements met, will receive sophomore standing.

"Unclassified students" are ordinarily not candidates for any degree. Such students, if of sufficient maturity, may, at the discretion of the head of the department of Engineering, be allowed to pursue any subjects in the engineering curriculum for which they can demonstrate their preparation and fitness, regardless of their entrance qualifications. Certificates will be given for subjects passed, and will be accepted toward a degree whenever such student shall have fully satisfied all entrance requirements.

COURSES AND DEGREES

Five-Year Engineering Courses

Half time co-operative courses are offered in civil, electrical, and mechanical engineering. The instruction in college includes the work of the ordinary four-year technical courses as given in the leading universities, and conforms to their standards. None of the essential theory is omitted or abridged by the half-time plan, but on the contrary, two and one-half years of prac-

tical experience are gained. Students successfully completing these courses, therefore, will be granted the degrees of Civil, Electrical, or Mechanical Engineer, which correspond to the Master's degrees in Liberal Arts departments. Due to the half-time system, the courses cover five years of eleven months each, allowing each student vacations of about five weeks per year from both school and outside work, including one week of vacation at the holiday season.

Combination Arts-Engineering Course

(Four Years)

Many students do not expect to become professional engineers and yet plan to engage in some business demanding elementary technical knowledge, such as agriculture and certain lines of manufacturing. Such students may elect two years of Liberal Arts subjects and two years of work in the department of Engineering selected from the studies of the five year professional courses, such a combination leading to the degree of Bachelor of Science. Students taking this combination should plan their course in consultation with the Dean of the College, in order that they may be fully advised as to the pre-requisite studies. Any course given by the department of Engineering may be elected provided the student has satisfied all pre-requisites. A minimum of ninety term hours in either department will be considered as two years of work. Other combinations than the half and half grouping mentioned above will be permitted if approved by the Dean of the College and the head of the department of Engineering.

Students electing the combination course may, if they desire, arrange with the head of the department of Engineering to take their two years of technical work on the co-operative basis. This will require two and one-half years of four quarters each, or three years of three quarters.

WHAT COURSE SHOULD A STUDENT TAKE

One of the most perplexing questions that the prospective college student must decide is the question of what course he shall take. Unfortunately, no information can be printed that will decide this for the student. Each case is a problem in itself. One most essential personal qualification in technical fields, however, seems to be a reasoning mind as contrasted with that which depends solely upon memory. Given the natural ability to reason combined with a dogged determination to "stick to it", almost any man can win success in a technical profession. In fact, the field is so large that trained students with widely divergent personal characteristics can find a pursuit for which they are naturally adapted and in which they can win success and satisfaction.

Thus, the young man with qualities of leadership, with force, initiative and tact, may become a technical executive; the student with a definite but well controlled "wander-lust", the natural-born mixer, who makes the best of human contacts, may become a technical salesman; and the more settled painstaking youth with an eye for detail may develop into a competent designer. These three types of work will be found in every technical field whether civil, electrical or mechanical; and it is more important that the individual analyze himself as he progresses with the view of choosing between these types of work than that he make an immediate choice between the artificially separated branches of civil, electrical, and mechanical engineering.

To help the students in this self-analysis, various approved psychological and personal tests are given. The members of the faculty also closely observe each student's personal tendencies thruout the course, and consider it a pleasant duty to confer with individuals on the choice of their life work.

In order to acquaint students with the personal requirements of different

pursuits, frequent lectures on this subject are given by members of the faculty and by outside business men or engineers.

To give the student more time to make his decision between the courses offered, the various curricula of the department of Engineering are made practically identical for the first three years. This is possible because the same fundamentals of science and mathematics underly each.

Students choosing the Combination Arts-Engineering course (see page 62) will find the college officers ready to help them in planning such a group of courses as will be of most value to them in their prospective line of work.

CO-OPERATIVE WORK FOR NON-TECHNICAL STUDENTS

A new departure of importance, beginning September, 1921, is the extension of the co-operative plan to non-technical courses. By this arrangement, any student so desiring, may, regardless of the course he is taking, be placed on such outside employment as may be agreed upon between the student, the College, and the employer.

Suggested lines of work for both men and women include library work, office work, stenographic and clerical work, sales work, newspaper reporting, hospital work or nursing, secretarial work, teaching, field work of various kinds, factory work, drafting, farm or dairy work.

The purposes of such work are two-fold: first, to allow students to gain fundamental practical experience relating to some definitely chosen pursuit, at a time when it can be correlated to theory by college instructors; and second, to enable students of limited means to earn a substantial part of their total expenses.

The outside work will be taken either on the alternate bi-weekly basis, as that of Engineering students, or on the half-day basis. On the half-day basis, where the needs of the work so require, two students are paired and are jointly responsible for keeping one job filled thruout the working hours. One student works in the morning and attends college in the afternoon; the other student works in the afternoon and attends college in the morning. The two exchange hours of work and of study whenever their individual groups of studies are completed, so as to give each student equal opportunity at both morning and afternoon courses.

This alternating arrangement will not be necessary in all cases, however, as many types of work will not require that the place be filled thruout the day. In such cases, it will often be possible for the student to work a stated number of hours each day, four hours for instance, at a time that will not interfere with attendance at regular classes.

A student working one-half the time will not be allowed to carry as much college work as a full time student. Not more than eight to twelve credit hours should be attempted. Assuming ten hours as the average schedule, it will require five years of four quarters each or six years of three quarters each for completion of the 180 hours required for graduation.

All course schedules for academic students so employed must be arranged in consultation with the Dean of the College.

Special care will be taken in placing young women in part-time positions. Only those positions may be held by women, which have been approved by the Dean of Women.

Students interested in part-time work should correspond with the Director of Co-operative Employment.

OUTLINES OF PRESCRIBED COURSES

During the school year 1921-1922, only the freshman and sophomore courses listed below will be given. The pre-junior, junior and senior courses which will follow are herewith printed merely for the information of those interested.

Freshman Year

For Civil, Electrical and Mechanical Engineering Students

Courses	PERIODS PER WEEK			
	Q. 1	Q. 2	Q. 3	Q. 4
College Algebra, Trigonometry and Analytical Geometry.....	5	5	5	5
Chemistry 1.....	5	5	5	
Chemistry Lab.....	3	3	3	
Co-ordination.....	1	1	1	1
Production Engineering.....	2	2	2	
Mechanical Drawing.....	4	4		
Descriptive Geometry.....			4	3
Surveying.....				9
Total periods per week.....	20	20	20	18
Total term-hours credit.....	10	10	10	6

Sophomore Year

For Civil, Electrical and Mechanical Engineering Students

Courses	PERIODS PER WEEK			
	Q. 1	Q. 2	Q. 3	Q. 4
Calculus.....	5	5	5	5
Chemistry (1921-1922 only).....	5	5	5	
Chemistry Lab. (1921-1922 only).....	3	3	3	
Machine Drawing.....	2	2		
Mechanism.....			4	2
Mechanism Drawing.....			2	2
Steam Engineering.....	4	4		
Surveying 1921-1922 only.....				9
Co-ordination.....	1	1	1	
Physics	(8)	(8)	(8)	(8)
Physics Laboratory } not given 1921-22..				
Total periods per week.....	20	20	20	18
Total term-hours credit.....	10	10	10	6

Pre-Junior Year

For Civil, Electrical and Mechanical Engineering Students

Courses	PERIODS PER WEEK			
	Q. 1	Q. 2	Q. 3	Q. 4
Metallurgy.....	3	3		
Strength of Materials.....	4	4		
Graphic Statics.....	2	2		
Analytic Mechanics.....			5	5
Materials of Engineering.....	2	2		
Materials Laboratory.....	2	2		

Co-ordination.....	1	1	1	1
Engineering English.....	3	3	3	3
Hydraulics.....	4	4		
Direct Currents.....			5	5
D. C. Lab and Inspection Trips.....			2	2
Sanitary Biology.....			3	
Bookkeeping.....			2	2
Total periods per week.....	21	21	21	18
Total term-hours credit.....	10½	10½	10½	6

Junior Year

For Civil, Electrical and Mechanical Engineering Students

Courses	PERIODS PER WEEK			
	Q. 1	Q. 2	Q. 3	Q. 4
Economics.....	5	5		
Business Organization.....				5
Modern Language.....	5	5	5	
Alternating Currents.....	5	5		
A. C. Lab. and Inspection Trips.....	2	2		
Machine Design.....	4			
Co-ordination.....	1	1	1	1
Cement Laboratory.....				3
Engineering Laboratory.....				4
FOR C. E. STUDENTS ONLY				
Roofs and Bridges.....		(4)	(6)	
Sewerage.....			(5)	(5)
FOR E. E. AND M. E. STUDENTS ONLY				
Machine Design.....		(4)	(6)	
Heat Engineering.....			(5)	(5)
Total periods per week, all students....	22	22	22	18
Total term-hours credit.....	11	11	11	6

Senior Year

The schedule for the senior year in all courses, C. E., E. E., and M. E., consists of thirty-two term hours elective or prescribed from the following groups. As these courses will not be given until 1924-1925 the schedule by quarters is omitted. Interchange of subjects between the groups below will be allowed only upon approval of the faculty.

FOR C. E. STUDENTS	TERM HOURS OF CREDIT	FOR E. E. & M. E. STUDENTS	TERM HOURS OF CREDIT
Modern Language, 2nd yr....	5	Industrial Problems.....	4
Geology.....	4	Modern Language, 2nd yr....	5
Advanced Surveying.....	3	Heating and Ventilation.....	3
Railroad Surveying.....	3	Engineering Laboratory.....	4
Structural Design.....	5	Production Engineering.....	3
Engineering Design.....	5	Production Management.....	3
Reinforced Concrete.....	2	Machine Shop Tools.....	3
Water Supply.....	6	Steam Power Plant Design....	4
Roads and Pavements.....	2	Hydro-Dynamics.....	3
Roads and Pavements Design	4	Gas Engineering.....	3
Hydro-Dynamics.....	3	Electric Railways.....	4
Heating and Ventilation....	3	Electric Power Plant Design..	4
Labor Problems.....	3	Electric Power Transmission..	4
Thesis.....	6	Electric Communication.....	4
		Labor Problems.....	3
		Thesis.....	6

COURSES OF INSTRUCTION

The prescribed technical courses in the engineering curriculum are briefly outlined in the pages following. Only those regularly included in the freshman and sophomore schedules are being given during the year 1921-1922.

Academic courses required for engineering students, including mathematics, physics and chemistry, are outlined under their respective departments. See pages 40, 41, 31.

1. **Mechanical Drawing.** Free hand lettering and sketching. Standard details of structural shapes and machine parts. Projections and pictorial representations.
2. **Machine Drawing.** Detail drawings from measurements of machines. Assembly drawings.
3. **Descriptive Geometry.** Projection of lines, intersections of planes and surfaces, and projection of solids with practical applications.
Pre-requisites: plane and solid geometry, mechanical drawing.
4. **Graphic Statics.** The graphical solution of elementary problems in mechanics, and dead and wind load stresses in typical trusses.
Pre-requisite, Physics 1.
10. **Mechanism.** A study of the various means of transmitting and modifying machine motions, including cams, links, and gears.
11. **Mechanism Drawing.** To accompany No. 10. A graphical representation of common methods of transmitting and modifying motion by means of cams, links and toothed wheels.
13. **Strength of Materials.** Tensile, compressive and shearing stresses. Stress-strain diagrams. Theories and design of beams, columns and shafts.
Pre-requisites: Mathematics 1, 2, 3, 4.
14. **Materials of Engineering.** A descriptive study of the manufacture, preparation, properties and uses of common materials of construction, including wood, metals, cements, mortars, brick, terra cotta, etc.
15. **Materials Laboratory.** Tensile, compressive, transverse and torsional tests of common woods and metals. Standard methods of testing.
Pre-requisite, Materials of Engineering.
16. **Cement Laboratory.** Standard laboratory tests of cement, mortar and concrete. Experimental investigations.
18. **Analytical Mechanics.** Kinematics, kinetics, and dynamics, with numerous problems.
Pre-requisites: Mathematics 1, 2, 3, 4; Graphic Statics.
19. **Hydraulics.** Flotation, pressures on gates and dams. Theory of flow of water thru orifices, tubes, pipes, and channels. Hydraulic machinery.
Pre-requisites: Mathematics 1, 2, 3, 4; Physics 1.
20. **Hydro Dynamics.** The theory underlying the use and design of turbines and other hydraulic machinery.
Pre-requisite, Hydraulics.

24. **Roofs and Bridges.** Calculation of stresses in framed structures under static and moving loads, by both graphic and analytic methods.
Pre-requisites: Mathematics 1, 2, 3, 4; Strength of Materials; Graphic Statics.
25. **Structural Design.** The design of a roof truss, plate girder and pin-connected truss, including the details of the important joints. Contracts, specifications, shop inspection trips.
Pre-requisite: Roofs and Bridges.
26. **Engineering Design.** Special problems in design.
Pre-requisite, Structural Design.
28. **Machine Design.** Elementary problems in the design of gearing, shafting, bearings, fly wheels, cylinders, and other machine parts.
Pre-requisites: Mechanism, Anal. Mechanics, Strength of Materials, Materials of Engineering.
29. **Machine Design.** The complete design of an assigned machine.
Pre-requisite, Machine Design 28.
30. **Steam Engineering.** Elements and economy of simple and complete steam power plants.
Pre-requisites: Physics 1, Chemistry 1.
31. **Engineering Laboratory.** Standard methods of testing instruments and machines. Testing of steam and gas engines, boilers and furnaces. Special tests and inspection trips. To accompany steam and gas engineering courses.
34. **Heat Engineering.** Thermodynamics of gases, saturated vapors and super-heated steam. Application to industrial and engineering problems, including engines, compressors and refrigerating machinery.
Pre-requisites: Mathematics 1, 2, 3, 4; Physics; Steam Engineering.
36. **Gas Engineering.** A study of designs of modern gas and oil engines. Power, efficiency and losses. Producer gas equipment.
Pre-requisites: Chemistry 1 and Physics 1.
37. **Power Plant Design.** Problems connected with the design and layout of a complete steam power plant.
Pre-requisite: Heat Engineering.
39. **Heating and Ventilation.** Systems and equipment for heating and ventilating buildings and industrial plants. Exhaust systems.
Pre-requisites: Steam Engineering, Physics 1.
40. **Elementary Surveying.** The theory and use of the transit and level. The surveying and computation of areas. Maps and profiles.
Pre-requisites: Mathematics 1 and 2.
41. **Advanced Surveying.** A continuation of the elementary course, for civil engineering students. Topographical surveying.
Pre-requisite, Elementary Surveying.

43. **Railroad Surveying.** Special problems in railroad construction and surveying. Includes field and office work on simple, compound, and spiral curves.

Pre-requisite, Advanced Surveying.

45. **Machine Shop Tools.** The theory and analysis of present accepted practices of cutting metal. Methods of attaining and measuring accuracy in machine work.

Pre-requisite: Co-ordination, two years.

46. **Production Engineering.** Analysis of methods of production. Jigs, fixtures and attachments. Miscellaneous production processes.

47. **Production Management.** Motion study and time setting, wage systems, time and stock systems, routing of work and factory lay-outs.

Pre-requisite: Co-ordination, two years.

50. **Direct Currents.** Principles of electricity and magnetism; electric and magnetic circuits; direct current generators and motors; storage batteries; industrial application of direct current machinery.

Pre-requisite, Physics 1.

51. **Direct Currents Laboratory.** This course includes the various practical tests on direct current machines and supplements the theoretical work given in Course 50.

To accompany preceding course.

54. **Alternating Currents.** Alternating electromotive force and current; resistance, inductance and capacity in alternating current circuits, graphical and analytical treatment; theory of alternating current generators and motors; industrial applications of alternating current machinery.

Pre-requisites: Mathematics 1, 2, 3, 4; Direct Currents.

55. **Alternating Currents Laboratory.** To accompany preceding course.

58. **Electric Power Plants.** Location of central and substations; general arrangement of prime movers and auxiliary apparatus for steam-electric and hydro-electric plants; selection of generating units; switch gear, station wiring; inspection trips.

Pre-requisites: Direct and Alternating Currents; Steam Engineering.

60. **Electric Power Transmission.** Systems of transmission and distribution; general requirements, mechanical design; poles, towers insulators, conductors, erection, control and protection.

Pre-requisites, Direct and Alternating Currents.

61. **Electric Railways.** Forces acting on a train; speed-time curves; energy requirements; motor capacity; systems of control; direct versus alternating current; electricity versus steam.

Pre-requisites, Direct and Alternating Currents.

64. **Communication Engineering.** Principles and practices of telephony and telegraphy, both wire and wireless.

Pre-requisites: Direct and Alternating Currents; Physics 1.

70. **Metallurgy.** The general metallurgy of common metals with special emphasis on irons and steels; extraction, manufacture, properties, and specifications.

Pre-requisites: Chemistry 1 and Materials of Engineering.

75. **Bookkeeping and Accounting.** The common principles underlying all systems of accounts. Practice in working out complete sets of transactions in books of account.

80. **Business Organization.** Types of business and plant organizations. Organization plans and efficiency fundamentals.

Pre-requisite, Economics.

- 90-95. **Co-ordination.** These courses are to accompany all outside work and include discussions of questions arising in connection with such work. The work is largely individual in nature and is assigned by instructors who are familiar with the outside work of the individual students. Thru the medium of this course each student secures some knowledge and benefit from the work of every other student in the class, as well as a direct co-ordination of his own work.

DEPARTMENT OF MUSIC

Music has a most important contribution to make to the general atmosphere of the college. It is an invaluable supplement to the other forces at work in an institution that recognizes culture and refinement as essential elements in the type of education which it seeks to develop. On the other hand, the value of musical instruction is itself greatly enhanced when enriched by what a college has to add.

In the following respects Evansville College offers special advantages to those seeking musical training of the broadest type.

1. The members of the faculty of the department of Music are specialists, trained in their various departments by the best masters of Europe and America, and have had wide experience both as teachers and concert artists.

2. The Coliseum offers a concert hall second to none in the state. Here is situated the great Municipal Organ, upon which weekly recitals are given by a member of the faculty. From time to time the world's greatest artists are heard here at a reduced cost to students.

3. Numerous student recitals are given thru the year by the students of the department, thereby assuring a fair degree of confidence and poise of manner, so essential to successful public performance.

Briefly, the department of Music of Evansville College is planned to afford a complete musical education. The student will find carefully prepared courses meeting all needs and well calculated to bring out the artistic as well as the practical ability of all who pursue studies in this department.

THE COURSES

Regular courses are offered in voice, piano, organ, violin and theory of music. In harmony with the belief that artistic results are dependent on close adaptation to the individual needs of the pupils and cannot be satisfactorily accomplished in classes, instruction in vocal and instrumental music is based on private lessons. Theoretical subjects, however, are taught in classes.

CLASSIFICATION OF STUDENTS

Each student entering the department of Music is registered under one of the five following classifications:

1. **Regular Students.** Candidates for the degree of Bachelor of Music. Such students must be at least sixteen years of age and graduates of a commissioned or certified high school. This course covers at least four years unless credit is given for advanced work done in other colleges or conservatories.
2. **Certificate Students.** Not candidates for a degree or diploma. This class includes students who do not meet the prescribed entrance requirements but who have sufficient maturity and musical ability to carry the prescribed work of a regular course. A certificate will be given testifying to the completion of theoretical studies and to ability as a performer, but such certificates are not given for less than two years of work.

3. **Special Students.** Those not wishing to take a regular course in music, or not intending to graduate. Students of this class select such branches of study as suit their taste and convenience. No examinations are required and the tuition is determined by the studies and the number of lessons taken.
4. **Preparatory Students.** Beginners under sixteen years of age.

FEES AND EXPENSES

The college year is divided into four quarters and the tuition and other fees listed below are for one quarter unless otherwise stated.

Matriculation Fee. A matriculation fee of five dollars is charged regular or full course students if not previously registered in the College. This fee is paid but once and is not returnable.

Registration Fee. A registration fee of one dollar a quarter is charged students of the special, preparatory, or public school class.

TUITION FEES

Regular Students and Full Course Students—

Piano, Organ, Violin, or Voice, two lessons per week.....	} \$50.00
All theoretical and literary work.....	
Piano, Organ, Violin, or Voice (Two lessons per week).....	35.00
Piano, Organ, Violin, or Voice (One lesson per week).....	18.00
Sight-singing (Two lessons per week).....	10.00
Ear-training and Dictation and Rudiments of Music (One lesson per week).....	6.00
History of Music (One lesson per week).....	6.00
Theory of Music (Two lessons per week).....	12.00
Organ Practice, an hour..	.50

REGISTER OF STUDENTS

DEGREES CONFERRED

1921

Bachelor of Arts

Helen Haljeck Busse.....	Evansville
*Claude Clinton Robinson.....	Evansville

*Mr. Robinson completed his work at the close of the Summer quarter and was awarded his degree. He will be recognized, however, as a member of the class of 1922.

ENROLLMENT

1920-1921

College of Liberal Arts	
Freshmen	49
Sophomores	34
Juniors	16
Seniors	2
*Unclassified	31
Department of Education	
Freshmen	166
Sophomores	33
*Unclassified	34
Department of Engineering	
Freshmen	15
*Unclassified	1
Department of Music	
All subjects	86
Extension Department	17
Grand Total	484
Counted more than once	41
Net Enrollment	443
Community Classes	
Economics	53
Government	24
Literature	138
Music	18
Sociology	12
Total	245
Counted more than once	13
Net Enrollment	232

*The term "unclassified" should not be interpreted as meaning "conditioned in entrance subjects." In most cases "unclassified" students have had full high school preparation, and in some cases they are college graduates.

LIST OF STUDENTS

1920-1921

The following list includes all students who were in attendance at any time during the year 1920-21. The quarters are indicated by 1, 2, 3, 4 respectively. Mid-Spring students are included with those of the Summer quarter.

The explanation of abbreviations used is as follows: C—College of Liberal Arts; Ed.—Department of Education; Mu.—Department of Music; Eng.—Department of Engineering; Ext.—Extension; Fr.—Freshman; So.—Sophomore; Jr.—Junior; Sr.—Senior; Unc.—Unclassified. A numeral 1, 2, 3, or 4—following a departmental classification indicates that the student was enrolled in that department for the number of quarters indicated. An asterisk (*) prefixed to a name indicates that the student was in attendance for eighteen weeks; a double asterisk (**) that the student was in attendance for six weeks only.

Abshier, Alda M. (4)	Ed. Fr.	Boonville
Adams, Ira G. (2, 3)	C. So.	Monroe City
Ahrens, Gerhard (4)	C. Jr.	Elberfeld
Ahrens, Victor (1)	C. Fr.	Chandler
Allen, Lionel W. (4)	Ed. Fr.	Mt. Vernon
Allenbaugh, Opal D. (3, 4)	Ed. Fr.	Dale
Archer, Dorothy (1, 3)	Ed. So.	Evansville
Arnett, Sallie (4)	Ed. Unc.	Henderson, Ky.
Arnold, Helen C. (1, 2, 3)	Ed. Fr.	Evansville
Ash, Beatrice E. (2, 3, 4)	Ed. So.	Birdseye
Atkin, Louise E. (4)	Ed. Fr.	Evansville
**Aton, William M. (4)	Ed. Unc.	Henderson, Ky.
Ault, Charles F. (1, 2, 3)	C. Unc.	Evansville
Austin, Roberta Kate (1, 2, 3, 4)	C. Fr.	Waverly, Ky.
Avery, Arline Mae (3)	Ed. Fr.	Dale
Axelrod, Sadie (1)	Mu.	Evansville
Ayer, Callie (4)	Ed. Fr.	Rockport
Ayer, Helen (4)	Ed. Fr.	Rockport
Ayer, Wallace G. (4)	Ed. Fr.	Rockport
Ayers, Arlene (1)	Ed. Fr.	Algiers
Bailey, Joyce J. (1, 2, 3)	C. So.	Birdseye
Baird, Anna G. (2, 3)	Mu.	Evansville
Baker, Robert C. (1, 2, 3, 4)	Eng. Fr.	Oaklandon
Barker, James (3, 4)	C. Fr.	Lynnville
Barnett, Bertha (4)	Ed. Fr.	Evansville
Barr, Mrs. Louisa K. (4)	Ed. Unc.	Dale
*Barton, William W. (4)	Ed. Unc.	Chrisney
Bates, Howard (4)	Ed. Fr.	Newburgh
Beach, Mrs. G. A. (4)	C. Unc.	Evansville
Beach, Norman D. (1, 2, 3)	C. Jr.	Poseyville
Becker, Dorena L. (4)	C. Jr.	Evansville
**Beckman, Helen Marie (4)	Ed. Fr.	Jasper
Bell, Harry (2, 3)	Mu.	Evansville
Bell, Lyle Owen (4)	Ed. Fr.	Newburgh
Bender, Paul R. (4)	Ed. Fr.	Chrisney
Besing, Simon F. (4)	Ed. Fr.	Haubstadt
**Bethel, Frances B. (4)	Ed. Fr.	Morganfield, Ky.
Black, Clara M. (4)	Ed. Fr.	Evansville

Blackman, Elizabeth (1, 2, 3)	C. So.	Evansville
Blagrave, Mabel E. (1)	Ext.	Petersburg
Bockstahler, Avis E. (4)	Ed. Fr.	Dale
Boehne, Edna M. (1, 2, 3, 4)	Mu.	Evansville
**Boleman, Anne (4)	Ed. So.	Evansville
*Bolin, Russell C. (4)	Ed. Fr.	Dale
Bollinger, Joseph (1, 2)	Ed. Fr.	Cincinnati, O.
Bosse, Clarence (4)	Ed. Fr.	Inglefield
Bosse, Odelia (4)	Mu.	Evansville
Bottoms, Ethel (4)	Ed. Fr.	Petersburg
Bowen, Bertha M. (4)	Ed. Fr.	Newburgh
Bowen, Rena M. (1, 2, 3)	C. Unc.	New Albany
Boyer, Mary Jane (1, 2)	Mu.	Evansville
Bradley, Opal G. (1, 2, 3, 4)	C. Fr., Ed. (1)	Evansville
Brandley, Anna (1, 2)	Ed. Unc.	Evansville
Brandley, Myrtle (1, 2)	Ed. Unc.	Evansville
Brenner, Jane (1, 2, 4)	Ed. Unc.	Evansville
Bretz, Marie (1, 2, 3)	Ed. Fr.	Evansville
Brookins, Ione (4)	Ed. So.	Evansville
Brooner, Eloise (1, 2, 3)	C. Fr.	Evansville
Brooner, Kathryn (2)	Ed. Fr.	Dale
Brown, Archiless M. (1, 2, 3)	C. So.	Oaktown
Brown, Bessie A. (1, 3, 4)	Ed. So.	Evansville
Buck, L. Talbert (4)	C. Unc.	Pettibone, N. Dak.
*Burlingame, Edwin M. (3, 4)	Mu.	Petersburg
Burroughs, Will H. (1)	C. Unc.	Advance
Bush, C. M. (1, 2, 4)	Ed. Unc.	Mt. Vernon
Busse, Helen H. (1, 2, 3)	C. Sr.	Evansville
Busse, Laura (3, 4)	Ed. Fr.	Dale
Calloway, Anna T. (4)	Ed. Unc.	Tell City
**Carlin, Nellie B. (4)	Ed. Unc.	Evansville
Carter, Marie (4)	Ed. Fr.	Boonville
Cato, Nancy Helen (2, 3, 4)	Ed. Fr.	Princeton
Chambers, Leroy B. (4)	Ed. Fr.	Velpen
Chivian, Mrs. Phil. (1, 2, 3)	Mu.	Evansville
Clifford, James L. (1)	C. Unc., Mu.	Evansville
Cook, Freda (1, 2)	Ed. Unc.	Newburgh
Copeland, Mrs. Willis (1, 2, 3)	Mu.	Evansville
Cox, Martha L. (2, 3)	C. So.	Evansville
Creacy, Agnes (1)	Mu.	Evansville
Crofts, Cora Ellen (2, 3)	Mu.	Evansville
Crome, Mildred (3, 4)	Mu.	Albion, Ill.
Cubbison, Stanley G. (1, 2, 3, 4)	Eng. Fr.	Princeton
Culbertson, Forrest (1, 2, 3)	C. Fr.	Evansville
Cullen, Bessie (3)	Ed. Fr.	Cypress
Cummings, Clara (4)	Ed. Fr.	Cypress
Dailey, Gerald O. (1, 2, 3)	C. So.	Evansville
Dassel, Wilbur F. (4)	C. Fr.	Elberfeld
Dassel, Virgil H. (1)	C. Fr.	Elberfeld
Davidson, Edith B. (1)	Ext.	Petersburg
Davidson, Nathaniel G. (1)	C. Unc.	Evansville
Davis, Lyman B. (1, 2, 3)	C. Jr.	Rockport
Day, Bessie M. (4)	Ed. Fr.	Lake
Deeg, Alma M. (4)	Ed. Fr.	Evansville
Deen, Sarepta (1)	Ext.	Petersburg
Deen, Thirza Belle (1)	Ext.	Petersburg
Deweese, Earl (4)	Ed. Fr.	Rockport
Dixon, Douglas (4)	C. Unc.	Mt. Vernon
*Dixon, Samuel Clay (4)	Ed. Fr.	Mt. Vernon
Dreier, Walter H. (1)	C. Fr., Mu.	Evansville
Dropsey, Faith (1)	Ext.	Petersburg

Dye, Anna E. (4)	Ed. Fr.	Rockport
Dyer, Ruth B. (1, 2, 4)	C. Fr., Mu. (1),	Evansville
	Ed. (1)	
Eichel, Charles (4)	C. Unc.	Evansville
Eichel, Florita B. (1, 2)	C. Unc.	Evansville
Eicholz, Mary (1, 2, 3)	C. So.	New Albany
Eissler, Dorothy L. (1, 2, 3)	Ed. So.	Evansville
Elder, Vesta (4)	Ed. Fr.	Chandler
Elliott, Hazel (3)	Ed. Fr.	Dale
Ellis, Nina L. (3)	Ed. Fr.	Princeton
Ellis, W. Herbert (1, 2, 3)	Eng. Fr.	Evansville
Engelman, Della (4)	Ed. So.	Chicago, Ill.
Engelsmann, Louise (1, 2, 3)	C. Jr., Mu. (2)	Evansville
Entsminger, Armina C. (1, 2, 3, 4)	Mu.	Evansville
Evens, Charles E. (1, 2, 3)	Eng. Fr.	Cloverdale
Ewing, Majl V. (2, 3)	C. Fr.	Evansville
Faubion, Ralph (1, 2, 3)	C. So.	Heltonville
Featherstone, Mary (1, 2, 3)	Ed. So.	Inglefield
Fehn, Mrs. Flora (1, 2, 3)	C. Fr.	Evansville
Ferguson, Amy E. (4)	Ed. Fr.	Richland
Finch, Patsy A. (4)	Ed. So., Mu.	Evansville
Fincher, Clara E. (4)	Ed. Fr.	Evansville
Fink, Wesley F. (1)	C. Unc.	Evansville
Finke, Otto T. (1)	C. So.	Huntingburg
Fish, Mae Lillian (3)	C. Unc.	Evansville
Fisher, Mary (2)	Mu.	Elberfeld
Forthoffer, Madeline (4)	Ed. Fr.	Mt. Vernon
Franke, Irma (1, 2, 3)	C. So.	Evansville
Fraser, May (4)	Ed. Unc.	Evansville
Freudenberg, Wilbur W. (4)	Ed. Fr.	Haubstadt
Fuller, Mary (4)	Ed. Fr.	Boonville
Garner, William A. (3)	Ed. Unc.	Owensville
Garrison, Ravia B. (1, 2, 3, 4)	C. Fr., Ed. (1)	Boonville
Gentry, Elsie Mae (4)	Ed. Fr.	Boonville
Gettinger, Jesse J. (1, 2, 3)	C. Unc.	Glenwood
Glenn, Mildred D. (4)	Ed. Fr.	Richland
Goad, Thelma (3)	Ed. Fr.	Boonville
Goffinet, Olive M. (3)	Ed. Fr.	Mt. Pleasant
*Goldsmith, Emma E. (4)	Ed. So.	Evansville
Goldsmith, Nellie (1, 4)	Ed. So.	Evansville
Gould, William F. (4)	Eng. Fr.	Huntingburg
Gray, Merle (1)	Ext.	Petersburg
Greenly, Veon (1, 2, 3, 4)	Eng. Unc.	Evansville
Greer, Ethel Mae (4)	Ed. Fr.	Evansville
*Gresham, Virginia R. (4)	Ed. Fr.	Evansville
Grimm, Edna C. (2, 3)	Mu.	Armstrong
Groh, Christine (2)	Mu.	Evansville
Gullette, Lynn (1)	Ed. Fr.	Jasper
Haas, Amanda A. (4)	Ed. Fr.	Evansville
Haas, Robert (4)	Ed. Fr.	Boonville
Haberer, Frederick W. (1, 2, 3)	C. So.	Evansville
Hadlock, Elvis A. (1)	Ext.	Petersburg
Hardin, Mrs. Bessie A. (3, 4)	Mu.	Evansville
Hardin, Mrs. Frances J. (2, 3)	Mu.	Evansville
Hargrave, Maybelle (1, 2, 3)	Ed. So.	Evansville
Harris, Florence R. (1)	Ed. Unc.	Evansville
Hart, Lois L. (4)	Ed. Fr.	Lynnville
Hartley, Mrs. Anna B. (1, 2)	Ed. Unc.	Evansville
Hartley, Helene (1)	Mu.	Evansville
Haskins, Mrs. Amanda (3)	Ed. Unc.	Dale
Haskins, L. Blanche (4)	Ed. Unc.	Dale

Hawkins, Mattie Mae (4)	Ed. Fr.	Boonville
Heilman, Hazel M. (4)	Ed. Fr.	Boonville
Heim, Bertha M. (2)	Mu.	Evansville
Heim, Louise (1, 2)	Ed. Fr.	Evansville
Helms, Anna A. (4)	Ed. Fr.	Boonville
Hensley, Joseph (3)	C. So.	Mt. Carmel, Ill.
Herman, Vivian J. (2, 3)	Mu.	Evansville
Herman, William E. (3)	Mu.	Evansville
Hewins, Opha (3)	Ed. Fr.	Boonville
Hicks, Ruth (4)	Ed. Fr.	Gentryville
Hixon, Lelah I. (2, 3)	Mu.	Evansville
Hochmeister, Mrs. Alta (4)	C. So.	Evansville
**Hofmann, Sophia A. (4)	Ed. Unc.	Evansville
Hogue, Meredith M. (1, 2, 3)	C. So.	Newburgh
Hollinger, Fonda (2)	Mu.	Newburgh
Holmes, Viola (1, 2, 3)	Ed. Fr.	Lake
Hooker, Earl J. (1, 2, 3)	Eng. Fr.	Evansville
Hopkins, Lowell R. (3, 4)	Ed. Fr.	Dale
Hopper, William M. (1)	Ext.	Petersburg
*Horton, Edith M. (4)	C. So.	Chrisney
Hoskins, Joyce F. (4)	Ed. Fr.	Evansville
Howard, Horace L. (1)	Eng. Fr.	Hazelton
Huck, Kenzie (1, 2, 3)	Ed. So., Mu. (2)	Wadesville
Huebsch, Katherine (1, 2)	Ed. Unc.	Evansville
Huffman, Mildred (4)	Ed. Fr.	Rockport
Hughes, Esther (1, 2, 3)	C. Fr., Mu. (3)	Portsmouth, O.
Hughes, Verna L. (1, 2, 3)	C. So.	Delaware, O.
Inco, Mabel E. (1, 2, 3, 4)	C. Fr., Mu. (1)	Evansville
Jackson, Howard C. (4)	Ed. Fr.	Chrisney
Jarrett, Frances E. (1, 2)	Ed. Unc.	Evansville
Jennings, Edith H. (4)	Ed. Fr.	Evansville
Jerger, Victoria E. (4)	Ed. Fr.	Jasper
Jerome, Isabelle C. (1, 2, 3)	C. Jr.	Evansville
Johns, Bernice B. (1)	C. Unc.	Evansville
Johnson, Carl B. (1, 2, 3)	C. Unc.	Rushville
Johnson, Eva (1, 2, 3)	C. So.	Petersburg
Johnson, Mrs. Inez Lysle (1, 2)	Mu.	Mt. Vernon
Jones, Jessie Lea (1, 2, 3, 4)	Ed. So.	Evansville
Jones, John K. (1, 2, 3)	C. So.	Slaughters, Ky.
Jones, Leona C. (4)	Ed. Fr.	Winslow
Jones, Sylvia Ray (4)	Ed. Fr.	Chrisney
Jones, Thelma A. (1, 2, 3)	C. Fr.	Evansville
Julian, Ruth E. (1, 2, 3)	C. So.	Spurgeon
Julius, R. Wysong (1)	Ext.	Petersburg
Kalemkiarian, Arshaluis (1, 2, 3)	C. Fr.	W. Hoboken, N. J.
Karch, Marie E. (1, 2)	Ed. Fr.	Evansville
Keeney, Martha (1, 2, 3)	C. Unc.	Evansville
Kehoe, Alma (1)	C. Unc.	Evansville
Keller, Anna E. (1, 2, 3, 4)	Ed. Unc.	Evansville
Kelly, Bertha A. (1, 2, 3)	Ed. Fr.	Evansville
Kelly, Reba (4)	Ed. Fr.	Tennyson
Kelly, Sara E. (4)	Ed. Fr.	Boonville
Kelp, Georgia (1)	Ext.	Petersburg
Kemper, Ruth (1, 2, 3)	C. Fr.	Evansville
*Ketcham, Clara (4)	Ed. Fr.	Elberfeld
Kiper, Agnes (1, 2, 3)	C. Fr.	Boonville
Kirkland, Mary E. (4)	Ed. Fr.	Rockport
Kissel, Thelma M. (4)	Ed. Fr.	Degonia
Koch, Bertha (3)	Ed. So.	Elberfeld
Kohlmeyer, John Byron (3, 4)	C. Fr.	Boonville
Korff, Mrs. Madge (4)	Ed. Fr.	Evansville

Krach, Lorena (2, 3, 4)	Mu.	Evansville
Kriege, Lorena M. (1, 2, 3)	C. Fr., Mu. (2)	Lamar
Kreutzinger, Dorothy (4)	Ed. So.	Mt. Vernon
Kuester, Florence (4)	Ed. Fr.	Cypress
Kuster, Frederick E. (1, 2, 3)	Eng. Fr.	Evansville
Lasher, Myron L. (2)	Ed. Fr.	Lamar
Laubscher, Anna (4)	Ed. Fr.	Evansville
Laubscher, Gilbert C. (1, 2, 3)	C. Fr.	Evansville
Lauenstein, Elsa (1, 2, 3)	Mu.	Evansville
Lautenschlaeger, Marguerite (4)	Ed. Fr.	Newburgh
Laval, Mrs. Bessie M. (3)	C. Unc.	Evansville
Law, Wilma (3, 4)	Ed. Fr.	Newburgh
Layer, Jessamay L. (4)	Ed. Fr.	Mt. Vernon
Leas, J. B. (1)	Ext.	Petersburg
Lemme, Carl W. (4)	C. Unc.	Evansville
Lenon, E. M. (4)	C. So.	Evansville
Leslie, E. Lucile (4)	Ed. Fr.	Boonville
Lewellyn, William P. (1, 2, 3, 4)	C. So., Mu. (1)	Sullivan
Lindsey, James J. (1, 2, 3)	C. Fr.	Rockport
Lloyd, Sarah Lee (1, 2, 3)	C. Jr.	Evansville
Loomis, Vivian M. (4)	Mu.	Boonville
Ludwig, Alma A. (4)	Ed. Fr.	Armstrong
Lutz, Ruby E. (3, 4)	Ed. Fr.	Boonville
Lytle, Howard G. (1, 2, 3, 4)	C. So.	Evansville
McBride, Mrs. Grace (1)	Ext.	Petersburg
McCool, Isabel P. (2, 3)	Ed. Fr.	Boonville
McCoy, Lora M. (4)	Ed. Fr.	Tennyson
McCutchan, Bernice (4)	Ed. So.	Inglefield
McCutchan, Doris H. (3)	Mu.	Inglefield
McCutchan, Grace J. (1, 2, 3, 4)	Ed. So., Mu. (1)	Evansville
McCutchan, Laura (4)	Ed. Fr.	Inglefield
McCutchan, Margaret M. (4)	Ed. Unc.	Evansville
*McDaniel, Irene (4)	C. Jr.	Boonville
McGinness, Laurence (1, 2, 3, 4)	C. So.	Evansville
McKown, Edgar M. (1, 2, 3)	C. Jr.	Borden
McKown, Myrtle (1, 2, 3)	C. Fr.	Borden
McMillan, Blanche A. (1, 2, 3)	Ed. Fr.	Brownstown
Magee, Edna M. (4)	Ed. Fr.	Richland
Magenheimer, Lorene E. (4)	Ed. Fr.	Ft. Branch
Marcy, Lawson F. (1, 2, 3, 4)	Eng. Fr.	Delaware, O.
Marshall, Charles E. (3, 4)	Ed. Fr.	Dale
Martin, Alma (3, 4)	Ed. So.	Evansville
Martin, Frederick H. (1, 2, 3)	C. So.	Newburgh
Martin, Irma C. (1, 2, 3)	Ed. Fr.	Evansville
Martin, John Manson (1, 2, 3, 4)	Eng. Fr.	Poseyville
Mendenhall, Caroline (1, 2, 3)	Ed. Fr.	Evansville
Meyer, Henry A. (1, 2, 3, 4)	C. Jr.	Evansville
Miley, Arbutus (1)	Ext.	Petersburg
Milligan, Catherine (1, 2, 3)	Mu.	Spencer
Minks, Leroy N. (4)	C. Unc.	Mt. Vernon
Minor, Margaret (4)	Ed. Fr.	Lamar
Mitchem, Alice S. (4)	Ed. Fr.	Newburgh
Morlock, James (4)	C. Fr.	Mt. Vernon
Moyer, Floyd (3, 4)	Ed. Fr.	Chandler
Muehlenbein, Ada M. (4)	Ed. Fr.	Evansville
Mueller, Lois K. (1, 2, 3)	C. Fr., Ed. (1)	Evansville
Murphy, Harriet E. (1, 2, 3)	C. Fr.	New Albany
Murray, W. Alfred (1, 2, 3)	C. So.	Evansville
Nester, Hallye E. (3)	Mu.	Evansville
Newmaster, Mildred (4)	Ed. Fr.	Inglefield
Nonweiler, Mrs. Frida M. (1)	Mu.	Evansville

Oakley, Lillian (1, 2, 3)	C. Fr., Mu. (1)	Evansville
Oberleas, Mrs. Edith (3, 4)	Ed. Fr.	Owensville
**Oliver, Blanche B. (4)	Ed. So.	Evansville
Olmsted, Ralph E. (1, 2, 3)	C. So.	Evansville
Oncle, Martha L. (4)	Ed. So.	Evansville
Ortmeyer, Edmund J. (2)	Mu.	Evansville
Osborn, Ada M. (1, 2)	Ed. Unc.	Evansville
Ossenberg, Thelma (1, 2, 3, 4)	C. Jr.	Evansville
Owen, A. M. (1)	C. Fr.	Evansville
Padgett, Kathryn (4)	Ed. Unc.	Evansville
Padgett, Paul I. (4)	Ed. Fr.	Evansville
Page, Floyd A. (1, 2, 3)	C. So.	Evansville
Palmer, Bertha A. (4)	C. Unc.	Georgetown
Parker, Hattie E. (4)	Ed. Fr.	Grandview
Parker, Walter A. (4)	Ed. Fr.	Chrisney
Paul, Raymond R. (4)	Ed. Fr.	Newburgh
Pearson, Inez (4)	C. Unc., Mu.	Newburgh
Peckinpauagh, Mary Helen (1, 2)	C. Fr., Mu. (2)	Evansville
**Pegram, Oscar (4)	Ed. Unc.	Owensville
Phillips, Earl G. (4)	Ed. Fr.	Tennyson
*Phillips, Rosa (4)	Ed. So.	Newburgh
Plane, Alice (1, 2, 3)	Ed. So.	Evansville
Pleak, Thelma L. (1, 2, 3)	Ed. So.	Evansville
Plummer, Helen L. (1, 2)	Ed. Unc.	Evansville
Plummer, Ruth C. (1, 2)	Ed. Unc.	Evansville
Posey, Nettie (4)	Ed. Fr.	Tennyson
Potts, Essie M. (1, 2)	Ed. Fr.	Evansville
Pregler, Marie C. (2, 3)	C. Fr.	Evansville
Proctor, Ella Raymond (1, 2, 3)	C. Jr.	Corydon, Ky.
Raibley, Gladys (4)	Ed. Fr.	Boonville
Redman, Algie L. (4)	Ed. Fr.	Wadesville
Redman, David D. (4)	Ed. Fr.	Wadesville
**Reed, Arthur (4)	Ed. Unc.	Owensville
Reherman, Ira (1, 2)	C. Unc.	Evansville
Reller, Clara (1, 2, 4)	Ed. So.	Evansville
Reller, Hilda E. (1, 2, 3)	Ed. Fr.	Evansville
Rhodes, Bessie (1, 2)	Mu.	Princeton
Rhodes, Lucille (1, 2)	Mu.	Princeton
Ricker, Arva I. (1, 2, 3)	C. So.	Lake
Ritzert, Margaret (4)	Ed. Fr.	Mt. Vernon
Robb, Arthur (1, 2, 3)	C. Fr.	Mt. Vernon
**Roberson, Ruby R. (4)	Ed. Fr.	Petersburg
Roberts, Marguerite (1, 2, 3)	C. Fr.	Rockport
Robinson, Amy (3)	Ed. Fr.	Dale
Robinson, Anice (3, 4)	Ed. Fr.	Dale
Robinson, Charles R. (3)	C. Fr.	Dale
Robinson, Claude C. (1, 2, 3, 4)	C. Sr.	Evansville
Robinson, Herbert D. (3)	C. Fr.	Dale
Royster, Salibelle (4)	Ed. So.	Smith Mills, Ky.
Ruff, May L. (2, 3)	Mu.	Evansville
Ruminer, Edward J. (4)	Ed. Fr.	Mt. Vernon
Ruston, Olive I. (4)	Ed. So.	Evansville
Sakel, Elmo A. (2)	Ed. Fr.	Stendal
Salmon, Flossie E. (1)	Ext.	Petersburg
Samples, Harold F. (4)	Ed. Fr.	Folsomville
Sandefur, Mary A. (4)	C. Fr.	Henderson, Ky.
Sanders, General (1)	Ext.	Petersburg
Sapp, Mary Louise (4)	Ed. Fr.	Cannelton
**Saunders, Betty (4)	Ed. So.	Evansville
Scales, Arvel C. (4)	Ed. Fr.	Tennyson
Scarborough, Loie May (1, 2, 3)	Ed. So.	Evansville

Schaaf, Donald J. (2)	Ed. Fr.	Dale
Schenk, Catherine (1, 2, 3)	Ed. Fr.	Cypress
Schmidt, Alma (4)	Ed. Fr.	Evansville
Schmidt, Susie Mae (4)	Ed. Fr.	Evansville
Schmitt, Albert S. (1, 2, 3)	C. Fr.	Dale
Schoolfield, Lula May (4)	Ed. Unc.	Evansville
Schneider, Gertrude (1, 2, 3)	Ed. Fr., Mu. (3)	Mt. Vernon
*Schuessler, Hugo (4)	Ed. So.	Evansville
Schultz, Gladys Mae (4)	Ed. Fr.	Boonville
Schweitzer, Hazel W. (4)	Ed. Fr.	Mt. Vernon
Schwengel, Alvin (3)	C. Fr.	Elberfeld
Schwitz, Eunice E. (4)	Ed. Fr.	Evansville
Scull, Marion K. (1, 2, 3)	Ed. Fr.	Evansville
Seabode, Alvin F. (4)	Ed. Fr.	Elberfeld
Seiler, Orwic E. (3)	C. Unc.	Evansville
Seligman, Mrs. Wilma (1, 2, 3)	C. Unc.	Evansville
Selzer, Norma (1, 2, 3)	Mu.	Evansville
Schafer, Sydney D. (4)	C. Jr.	Westport
*Sevringhaus, Gladys (1, 2, 3)	C. Fr., Mu. (2)	Evansville
Shelton, Imogene (4)	Ed. Fr.	Poseyville
Shute, Olga J. (3)	Ed. Fr.	Evansville
Simpson, Henry B. (1, 2, 3)	C. Fr.	Sturgis, Ky.
Simpson, L. Haskell (1)	C. Fr.	Evansville
Simpson, Ruth (2)	Mu.	Boonville
Skelton, Thomas L. (4)	Ed. Fr.	Tennyson
Smith, Grace (1)	C. Fr.	Evansville
Smith, W. Lee (2)	Mu.	Evansville
Snell, Mrs. Mabel B. (2, 3)	Mu.	Evansville
Snethen, Dorothea M. (1, 2, 3)	C. Fr.	Evansville
Spradlin, Lloyd C. (3)	Ed. Fr.	Selvin
Sprinkle, Mrs. N. O. (4)	C. Unc.	Evansville
Stamets, Esther (2)	Mu.	Evansville
Stewart, Irene (3)	Ed. Fr.	Rockport
Still, Bessie (4)	Ed. Fr.	Evansville
Stockhowe, Willa M. (4)	Ed. Fr.	Lincoln City
Stone, Vivian (1)	C. Fr.	Marion, Ky.
Stork, Friede E. (2)	Mu.	Huntingburg
Stormont, Glenn I. (1, 2, 3, 4)	Eng. Fr.	Evansville
Stratton, Herman J. (1, 2, 3, 4)	C. So.	Evansville
Straub, Esther (1, 2)	Mu.	Evansville
Stroud, Harvey E. (4)	Ed. Fr.	Birdseye
Strunk, Gilbert (1)	C. Unc.	Evansville
Strunk, Hazel (4)	Ed. Fr.	Chandler
Swift, Doris I. (1, 2, 3)	Ed. Fr.	Boyne City, Mich.
Swope, Katherine (4)	Ed. Fr.	Evansville
Tableman, Dorothy O. (3)	Ed. Fr.	Lamar
Tenison, Cecel P. (4)	Ed. Fr.	Wadesville
Therber, Myra Lee (4)	Ed. Fr.	Rockport
Thiry, Ruby O. (3)	Ed. Fr.	Selvin
Thomas, Grace (1, 2)	C. Unc.	Evansville
Thomason, Mary A. (4)	Ed. Unc.	Henderson, Ky.
Thompson, Price A. (1, 2, 3, 4)	C. Fr., Eng. (1)	Washington
Thomy, Phyllis A. (4)	Ed. Fr.	Henderson, Ky.
Thurman, Grace (4)	Ed. Fr.	Gentryville
Timmons, Charles M. (1, 2, 3)	C. Jr.	Evansville
Torrance, Mrs. W. J. (4)	C. Unc.	Evansville
Tourtlotte, Dolores A. (1)	C. Fr.	Evansville
Townley, Mrs. H. P. (1)	C. Unc.	Evansville
Trimble, Mrs. Bex (3)	Mu.	Mt. Vernon
Trimble, Charles Ingle (1, 2, 3, 4)	Eng. Fr., C. (1)	Evansville
Trusheim, Ed. (1, 2, 3)	Mu.	Evansville

Tryon, Boyd E. (2, 3, 4)	C. So.	Monroe City
Wade, Merle (4)	Ed. Fr.	New Harmony
Wahnsiedler, Walter J. (1, 2, 3)	C. So., Mu. (3)	Evansville
Wallace, Ruth (4)	Ed. Fr.	Evansville
Walls, Josephine L. (1)	Ext.	Petersburg
Warner, Prentice T. (1, 2)	Eng. Fr.	Chandler
Waters, Emma (1, 2, 3, 4)	C. So.	Rockport
*Webb, Gladys (4)	C. So.	Ft. Branch
Wedeking, Lorena P. (3, 4)	Ed. So.	Evansville
Weintz, Alma C. (1)	Ed. Unc.	Evansville
Weintz, Ottilie E. (1, 2, 3)	Mu.	Evansville
Welborn, Agnes A. (2, 3)	Ed. So.	Cynthiana
West, Marie (1, 2, 4)	C. Jr.	Evansville
Whitney, Grace A. (1, 2)	Ed. Unc.	Evansville
Whitehead, Mrs. Isabel H. (4)	Ed. Fr.	Evansville
Whittinghill, Walter W. (4)	Ed. Fr.	Evansville
Wilke, Edward (1, 2, 3)	Eng. Fr.	Evansville
Willison, Mrs. Ida (4)	Ed. Unc.	Dale
Willison, Henrietta R. (2)	Ed. Fr.	Dale
Wilson, Mrs. Anchor S. (1, 2, 3)	C. Fr.	Evansville
Wilson, Burles O. (4)	Ed. Fr.	Folsomville
Wilson, Nelson D. (2, 3)	Mu.	Evansville
Wilson, Walter T. (1, 2, 3)	C. So.	Evansville
Windbiel, Joseph C. (2, 3)	Mu.	Evansville
Windels, Mary H. (4)	Ed. Fr.	Newburgh
Windels, Roy R. (4)	Ed. So.	Newburgh
Wolf, Henry A. (4)	Ed. Fr.	Evansville
Wolven, Dona E. (1)	Ext.	Petersburg
Wray, Mrs. Jane (1, 2, 3)	Mu.	Evansville
Wright, Jane E. (1, 2, 3)	C. Jr.	Evansville
Wytttenbach, Margaret M. (4)	Ed. Fr.	Boonville
Yates, Davis B. (2)	Ed. Fr.	Chrisney
Yates, Eva (3)	Mu.	Marion, Ky.
Yokel, Mary C. (4)	Ed. Unc.	Evansville
York, J. R. (2)	Mu.	Evansville
York, M. R. (2)	Mu.	Evansville
Young, Carl W. (4)	Ed. Fr.	Boonville
Young, Earl E. (1, 2, 3, 4)	C. So.	Dale
Young, Lillian M. (4)	Ed. Fr.	Boonville
Young, W. Harold (1, 2, 3, 4)	C. Fr., Ed. (1)	Dale
Youngblood, Flora E. (4)	Ed. Fr.	Newburgh

COMMUNITY STUDENTS

Unless otherwise indicated the address of community students is
Evansville. Street and number only are given for
community students from Evansville.

NAME	SUBJECT	ADDRESS
Allen, Madge B. Augermeier, N. J.	Literature Credits and Collections	Boonville 614 Baker Ave.
Atkin, Charles H.	Credits and Collections	1305 Kentucky Ave.
Ball, Emily Donald Ball, Lucy D.	Literature Literature	Carmi, Ill. Carmi, Ill.
Barfield, Mrs. David R.	Government	707 Upper Third St.
Barr, Mrs. Lillian W.	Literature	3320 E. Michigan St.
Bateman, Minnie C.	Literature	Boonville
Becker, Julius A.	Credits and Collections	1516 W. Penn. St.
Benezet, Mrs. L. P.	Literature	806 Riverside
Benson, Mrs. Fay P.	Literature	Carmi Ill.
Benton, Minna C.	Literature	Boonville
Biggers, Evelyn M.	Literature	1103 Upper Sixth St.
Bisbee, Maria	Literature	1016 S. First St.
Blasker, Mrs. Morris	Literature	Carmi, Ill.
Boink, Louis H.	Credits and Collections	250 New York Ave.
Bomm, Mrs. Madge	Literature History of Music	703 Linwood Ave.
Bosse, Mrs. Elizabeth	Literature	511 Jefferson Ave.
Boyer, Mrs. Emma E.	Literature	Carmi, Ill.
Boyer, Mrs. Mary W.	Literature	Carmi, Ill.
Brandley, Anna F.	Government	112 Blackford Ave.
Bray, Elizabeth	Literature Sociology	734 Adams Ave.
Brenner, Jane	Government	1028 Powell Ave.
Bright, Earl E.	Credits and Collections	2819 E. Delaware St.
Brightmire, Kenneth E.	Credits and Collections	1020 W. Illinois St.
Brose, Emma	Literature	1107 Chandler Ave.
Burtis, Alma Ellen	Literature	1100 S. Sixth St.
Bush, Mrs. E. N.	Literature	114½ Cherry St.
Butterfield, Mrs. A. S.	Literature	800 First St.
Butterfield, Sidney	Credits and Collections	800 First St.
Butterworth, Ray	Credits and Collections	434 Jackson Ave.
Carlin, Nellie B.	Government	12 E. Michigan St
Cecil Hazel	Credits and Collections	1406 First Ave.
Centsinger, Mrs. F. M.	Literature	722 First St.
Chalfant, Maude	Literature	Carmi, Ill.
Charles, Mrs. Annie G.	Literature	Carmi, Ill.
Clark, Mary Anna	Literature	Boonville

Clements, Flora E.	Government Literature	6 Cambridge
Clifford, Mrs. George S.	History of Music Literature	716 S. First St.
Clippinger, Mrs. Roy	Literature	Carmi, Ill.
Conger, Mrs. Lena	Literature	Carmi, Ill.
Combs, Edmund C.	Credits and Collections	518 Bell Ave.
Conner, R. Price	Credits and Collections	402 Parrett St.
Cook, Mrs. Isabelle	Literature	1203 Powell Ave.
Crebs, Harriet E. H.	Literature	Carmi, Ill.
Daly, Helen Jeannette	Literature	413 Chandler Ave.
Davidson, Mrs. W. R.	Literature	1106 Powell Ave.
Davis, Mrs. Evelyn S.	Sociology	1224 E. Columbia
Day, Emily Blair	Literature	Stratford Apt.
Denton, Sara Linda	Literature	1108 Powell Ave.
Diekmann, Fred A.	Credits and Collections	419 Edgar St.
Doerter, Will F.	Credits and Collections	902 Linwood Ave.
Doolen, Minnie M.	Literature	Carmi, Ill.
Edwards, Lida	Literature	819 S. Second St.
Elliott, Ivan A.	Literature	Carmi, Ill.
Erlbacher, Mrs. Irene J.	Literature	Stratford Apt.
Ehrich, Mrs. Wm. H.	Government	1600 Kentucky Ave.
Euler, Mrs. Sarah A.	Sociology	1504 E. Delaware
Evans, Della J.	Literature	1452 S. Second St.
Farrell, Jessie A.	History of Music Literature	17 E. Virginia
Fauquher, Myrtle	Government	R. R. 5
Feix, Nora	Literature	1110 Blackford Ave.
Ficken, Mrs. A. R.	History of Music	1516 Gum St.
Fiebig, Louise	Literature	1219 S. Eighth St.
Freund, Paul	Credits and Collections	c/o Otto Tire and Rubber Co.
Gans, Mrs. Moses I.	Government Literature	503 Washington Ave.
Garrison, Mrs. Gail W.	Literature	1315 Washington Ave.
Garvey, Sallie	Literature	312 E. Penn. St.
Gebauer, Dorothy	Sociology Literature	831 Blackford Ave.
Gerst, Mame J.	Literature	1206 Third Ave.
Gilchrist, Mrs. Alexander	Literature	701 Upper First St.
Goad, Marie	Literature	Boonville
Gough, Nellie Hazen	Literature	Boonville
Graulich, Casper	Credits and Collections	1009 W. Michigan St.
Grimmeissen, Harold J.	Credits and Collections	1809 Keck Ave.
Haas, Edna	Literature	Carmi, Ill.
Hall, Mrs. V. F.	Sociology	1012 Riverside
Halvorsen, L. R.	Credits and Collections	903 Blackford Ave.
Halvorsen, Mrs. Lula S.	Government Literature	903 Blackford Ave.
Harmon, Mrs. J. R.	Literature	Carmi, Ill.
Hayden, Mrs. A. N.	Literature	427 S. First St.
Headen, Ms. Heber S.	Literature	112 Bayard Park Drive
Heeger, Elrnora L.	Credits and Collections	23 E. Maryland St.

Heim, Erna	History of Music	300 Geil Ave.
Herstein, Marjorie L.	History of Music	307 Powell Ave.
Heyns, J. Wm.	Credits and Collections	124 E. Iowa St.
Hirsheimer, Mrs. Grace G.	Literature	908 Riverside
Hixon, Lelah	History of Music	1106 Washington Ave.
Hofmann, Sophia A.	Government	209 Goodsell
Holleman, Grace	Hist. of Music	
Holtman, Herman	Government	303 Hess Ave.
	Credits and Collections	c/o International Steel and Iron Co.
Houghland, Mrs. Helen K.	Literature	Boonville
Houghland, Janet B.	Literature	1101 Upper Third St.
Humphry, Lockie	History of Music	Audubon Apt.
Hunt, Mary C.	Credits and Collections	1201 S. Governor St.
Hupfer, Albert J.	Credits and Collections	1204 Edgar St.
Hurst, Gertrude R.	Literature	1428 Second St.
Jenner, Louise M.	Literature	1208 S. Eighth St.
Keeney, Mrs. Wm. P.	Sociology	
Keller, Anna E.	Literature	1226 S. First St.
Keller, Edna	Government	403 Oakley St.
Keller, Mrs. Helen J.	Literature	Carmi, Ill.
Kelly, Sara Elizabeth	Literature	900 Riverside
Kelly, Mrs. Minnie B.	Literature	Boonville
Kern, Mrs. Julius C.	Literature	Boonville
Ketcham, Dessie	Literature	Carmi, Ill.
Kiper, Mary Louise	Literature	Boonville
Kiper, Maude	Literature	Boonville
Kiper, Mrs. Nanette	Literature	Boonville
Knickerbocker, Jane M.	Literature	Boonville
Lambrett, Archer	Literature	1301 E. Franklin St.
Lauenstein, Elsa	History of Music	1100 E. Columbia St.
Leich, Marcella J.	History of Music	1033 Washington Ave.
	Literature	1120 Riverside
Lemme, Carl W.	Sociology	
Lensing, V. H.	Government	913 S. Sixth St.
	Credits and Collections	214 Jefferson Ave.
Lintzenich, Joseph F.	Credits and Collections	419 St. Joseph Ave.
Livesay, Claudine	Government	219 Delmar Ave.
Lutz, George H.	Credits and Collections	25 Bayard Park Drive
McAvoy, Gilbert W.	Credits and Collections	1322 Gum St.
McCallister, Julia A.	Literature	Carmi, Ill.
McCallister, Mary	Literature	Carmi, Ill.
McCool, Isabel P.	Literature	Boonville
McMullen, Mrs. V. E.	Literature	422 Kentucky Ave.
Mann, Edward H.	Credits and Collections	910 Second Ave.
Mann, Helen C.	Sociology	421 Line St.
Mannheimer, Mrs. Morton	Literature	1123 Riverside
Mason, Rose Lee	Literature	Boonville
Meier, Walter W.	Credits and Collections	518 Ravenswood
Merrett, Jeanette A.	Sociology	3018 E. Illinois St.
Meyer, Raymond E.	Credits and Collections	533 Jefferson Ave.

Miller, Lora	Literature	Carmi, Ill.
Monnig, Ruth	Credits and Collections	920 E. Iowa St.
Naye, Lea Jeanne	Government	308 Washington Ave.
Nelson, Pearl E.	Literature	213 Oak St.
Norwood, Mrs. A.	Credits and Collections	
Olcott, Anna G.	Sociology	1435 S. Garvin St.
Oncle, Martha Lois	Literature	200 Emmett St.
Oschmann, Alfred H.	Government	911 W. Penn. St.
	Credits and Collections	121 Read St.
Owen, Mrs. Samuel	Literature	903 S. First St.
Parr, Mrs. William L.	Literature	1306 Madison Ave.
Pearce, Annie Crebs	Literature	Carmi, Ill.
Pearce, Mrs. Joe A.	Literature	Carmi, Ill.
Pearcy, Ruby	Literature	Carmi, Ill.
Persons, Mrs. Belle A.	Literature	618 Riverside
Phares, Mrs. J. W.	Literature	1023 Riverside
Phipps, Madge	Literature	Carmi Ill.
Pirnat, Bruno C.	Credits and Collections	446 Jefferson Ave.
Pomeroy, Mrs. Eleanor W.	Literature	Carmi, Ill.
Potts, Essie M.	Government	638 Madison Ave.
Ragland, Mrs. F. C.	Literature	815 Second Ave.
Rainey, Isaac M.	Credits and Collections	2100 E. Iowa St.
Randolph, Charles T.	Literature	Carmi, Ill.
Randolph, Mrs. Charles T.	Literature	Carmi, Ill.
Read, Mrs. Virginia	Literature	1239 First St.
Reed, Gladys Gough	Literature	Boonville
Risley, Laura Ellen	Literature	Boonville
Robinson, Ivor J.	Literature	Boonville
Robinson, Mrs. Ivor J.	Literature	Boonville
Rockstroh, Minnie	Literature	1331 S. Governor St.
Rudolph, Andrew S.	Literature	Carmi, Ill.
Rudolph, Mrs. Daisy D.	Literature	Carmi, Ill.
Rump, William	Credits and Collections	c/o Old State Nat'l Bank
Rumpf, Albert A.	Credits and Collections	206 Mary St.
Rus, William P.	Credits and Collections	1314 Kentucky Ave.
Saberton, C. Howard	Credits and Collections	509 Mulberry St.
Sanders, Laura I.	Literature	1704 W. Penn. St.
Satz, Emma M.	Literature	1017 Third Ave.
Scales, Elsie T.	Literature	Boonville
Scales, Florence	Literature	Boonville
Schaaf, Willard C.	Credits and Collections	729 Lincoln Ave.
Schauer, Henry J.	Credits and Collections	1317 Cleveland Ave.
Scherer, Emory K.	Credits and Collections	809 Green River Road
Scherffius, Clara M.	Literature	1750 W. Franklin St.
Schmalmack, Robert H.	Credits and Collections	814 First Ave.
Schnack, Mrs. Ida	Literature	714 Linwood Ave.
Schnute, Paul H.	Credits and Collections	1621 E. Delaware St.

Schoemann, Berenice	Literature	Carmi, Ill.
Schroeder, Otto C.	Credits and Collections	930 W. Illinois St.
Schuerger, Harry S.	Credits and Collections	1319 W. Illinois St.
Schroer, Albert E.	Credits and Collections	2801 E. Delaware St.
Schurmeier, Clyde	Literature	Boonville
Shipherd, Mrs. Louis	Literature	9 Park Lane
Selzer, Norma Marie	History of Music	1322 S. Governor St.
Schweinfurth, Rev. F. C.	Literature	Newburgh
Sibley, Effie M.	Literature	Carmi, Ill.
Siegel, Hulda H.	Literature	Boonville
Sparrenberger, Margaret	Literature	1305 Chandler Ave.
Spiegel, Leo	Credits and Collections	917 Bedford Ave.
Stembridge, Mary	Literature	914 S. Third St.
Sterling, Ruby	Literature	Carmi, Ill.
Stinson, Malen	Literature	Carmi, Ill.
Stinson, Martha Luella	History of Music	120 Harlan Ave.
Stocke, Mrs. Pauline	Literature	Carmi, Ill.
Stuffins, Esther E.	Government	328 Grant St.
Swift, M. W.	Credits and Collections	319 Chandler Ave.
Thorpe, Mary N.	Government	R. R. 3
Thrall, M. Louise	History of Music	12 Madison Ave.
Torrance, Mrs. W. J.	Literature	1306 Walnut St.
Trimble, Alta M.	Government	
Trimble, Hannah	History of Music	1040 S. Second St.
Trisler, Mabel	Literature	312 Parrett St.
Tweedy, Mrs. Lula J.	Literature	Boonville
Veatch, Mrs. Henry B.	Literature	Boonville
Veeck, Mrs. Blanche A.	Literature	234 Bayard Park Drive
Vickery, Elizabeth	Literature	Boonville
Vickery, Sarah	Government	1127 Lincoln Ave.
Viele, Mrs. Edward N.	History of Music	1320 E. Columbia St.
Vogel, William F.	Literature	704 Riverside
Voss, Harry W.	Literature	Boonville
	Credits and Collections	1114 Chandler Ave.
Walker, Dorothy G.	Literature	1522 Second St.
Walker, Mrs. Edwin	Literature	5 Cherry St.
Waller, Dorothy	Literature	Stratford Apt.
Weaver, Elma	Literature	715 S. Third St.
Weaver, Mrs. H. F.	Government	1248 S. First St.
	Literature	
Weaver, Isabel	Credits and Collections	715 Third St.
Weihe, Elmer H.	Credits and Collections	738 Jackson Ave.
Weil, Mrs. Elizabeth	Collections	
Weil, Gertrude Rose	Sociology	1100 Powell Ave.
Weintz, Otilie E.	Sociology	1100 Powell Ave.
West, Pauline	History of Music	802 First Ave.
Whetstone, Harry J.	Literature	Carmi, Ill.
	Credits and Collections	314 Bray Ave.
White, Mary E.	Literature	1016 S. First St.
Wieber, John A.	Credits and Collections	R. R. A., Box 71
Williams, Ella M.	Literature	
Williams, Mrs. Charles D.	Literature	1135 Powell Ave. Boonville

Wilson, Mrs. C. H.	Literature	420 Kentucky Ave.
Wilson, Mrs. Ida Roth	Literature	Boonville
Winternheimer, W. A.	Credits and Collections	4 Corbierre Ave.
Woods, Mary Kate	History of Music	501 Upper Third St.
Wright, Edna Eloise	Government	
Young, Bess Opal	Government	1702 Upper Second St.
	Literature	Boonville

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Evansville College Bulletin

Volume II

March 15, 1921

Number 6

Preliminary
Announcement
of
Courses



THE LIBRARY OF THE
OCT - 5 1933
UNIVERSITY OF ILLINOIS

1921 - 1922

This Bulletin is published monthly at Evansville, Ind., by Evansville College.

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CORRESPONDENCE

Correspondence on any matter pertaining to the College directed to Alfred F. Hughes, President of the College, will receive prompt attention.

Requests for specific information in regard to admission, courses of study, students' ranks and standing should be directed to Charles E. Torbet, Dean of the College.

Requests for catalogs and other publications may be directed simply to EVANSVILLE COLLEGE.

ENTRANCE CERTIFICATES

Prospective students should write to the Dean of the College for an entrance certificate. This should be filled out by high school principal and returned not later than two weeks before the opening of the quarter at which the student expects to enter. Students entering from other colleges should send in a certified statement of their credits together with a letter of honorable dismissal from the institution where they have been in attendance.

REGISTRATION

Registration takes place on the days appointed for this purpose, (See Calendar, page 3) at College Hall, 519 Vine Street. The necessary directions for registration will be given students on arrival.

OUT-OF-TOWN STUDENTS

Out-of-town students should plan to arrive at Evansville the day preceding Registration day, so that they may make final arrangements for room and board. On arrival, women should go to Sweetser Hall, 709 Upper First Street. Men should report at College Hall, unless they have engaged rooms in advance. Attention is called to directions to women who expect to live at Sweetser Hall as given on page 17 of this catalog. Students are permitted to room outside the college halls only in places approved by the college authorities.

CCT - 5 1933

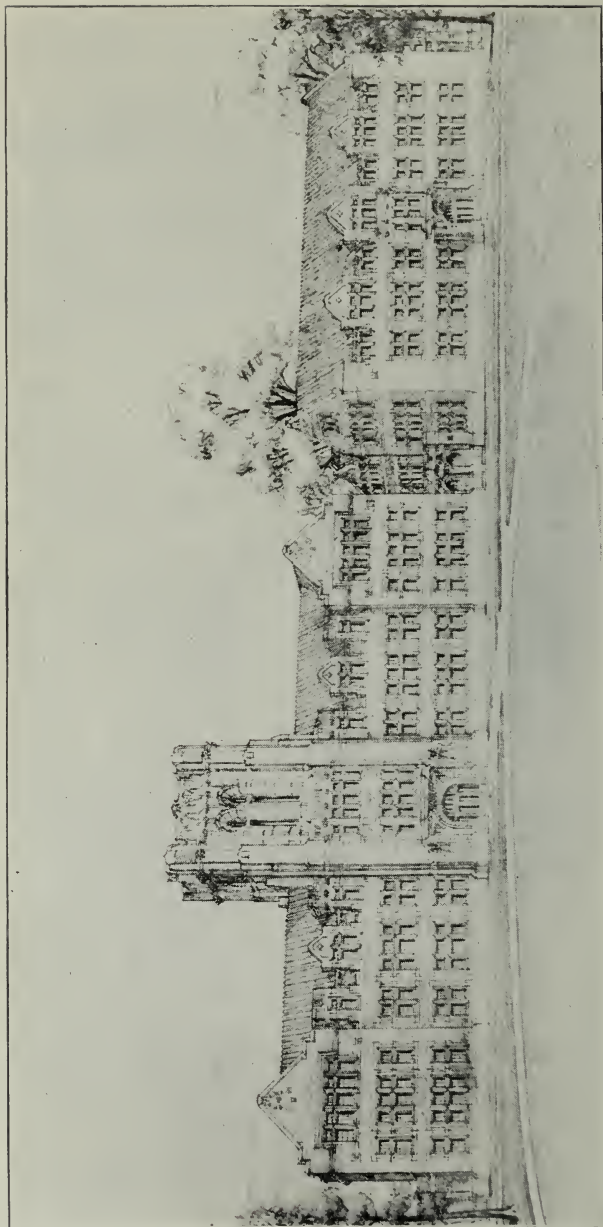
UNIVERSITY OF ILLINOIS

1921

September 27—Tuesday.....Registration for the Autumn Quarter
September 28—Wednesday.....Class work begins
November 24-26—(Thursday to Sunday).... Thanksgiving Recess
December 16—Friday.....Autumn Quarter ends
December 17—Saturday.....Holiday Vacation begins

1922

January 1—Sunday.....	Holiday Vacation ends
January 2—Monday.....	Registration for the Winter Quarter
January 3—Tuesday.....	Class Work begins
February 9—Thursday.....	Day of Prayer for Colleges
February 14—Tuesday.....	Semi-Annual Meeting Board of Trustees
March 24—Friday.....	Winter Quarter ends
March 25-April 2—(Saturday to Sunday).....	Spring Vacation
April 3—Monday.....	Registration for the Spring Quarter
April 4—Tuesday.....	Class Work begins
May 8—Monday.....	Registration for Mid-Spring Quarter
June 20—Tuesday.....	Annual Meeting Board of Trustees
	Commencement
	Spring Quarter ends
June 21—Wednesday.....	Registration for the Summer Quarter
June 22—Thursday.....	Class work begins
July 28—Friday.....	Mid-Spring Quarter ends
September 1—Friday.....	Summer Quarter ends



EVANSVILLE COLLEGE

Main Administration Building and Science Hall from Architects' Drawing
Administration Building to be Ready for Use by January, 1922

Officers of Administration

ALFRED F. HUGHES, S. T. B., D. D.
PRESIDENT

CHARLES E. TORBET, A. M.
DEAN OF THE COLLEGE AND REGISTRAR

MRS. LUCY J. FRANKLIN, A. M.
DEAN OF WOMEN

EDWARD ROWLANDS, A. B.
EXECUTIVE SECRETARY

GEORGE B. FRANKLIN, Ph. D.
LIBRARIAN

JOHANNA KLINGHOLZ, A. B.
ASSISTANT LIBRARIAN

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REGINALD WILLIAM BILLIN
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PROFESSOR OF HOME ECONOMICS

WAHNITA DeLONG, A. M.
ASSISTANT PROFESSOR OF ENGLISH

JESSIE LUCY DUBOC, A. B.
ASSISTANT PROFESSOR OF ELEMENTARY EDUCATION

Faculty—Continued

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OLAF HOVDA, Ph. D.
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DEPARTMENT OF MATHEMATICS

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HEAD OF THE DEPARTMENT OF ENGINEERING

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AND RELIGIOUS EDUCATION

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CHARLES EDGAR TORBET, A. M.
PROFESSOR OF HISTORY

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HELEN PEEPLES
INSTRUCTOR IN HOME ECONOMICS

GEORGE B. SCHNURR, B. P. E.
PHYSICAL DIRECTOR FOR MEN

VERA MERRYMAN
PHYSICAL DIRECTOR FOR WOMEN

Department of Education

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HEAD OF THE DEPARTMENT

LOUIS P. BENEZET, A. M.

LECTURER IN PUBLIC SCHOOL SYSTEMS

JESSIE L. DUBOC, A. B.

ASSISTANT PROFESSOR OF ELEMENTARY EDUCATION

*EVERETT E. MORLEY, A. M.

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*WILLIAM F. VOGEL, A. M.

INSTRUCTOR IN EDUCATION AND HISTORY

BELLE CAFFEE

INSTRUCTOR IN READING AND LANGUAGE

MARGARET BEACHEY

INSTRUCTOR IN DRAWING

ADA BICKING

INSTRUCTOR IN PUBLIC SCHOOL MUSIC

CORNELIA KOCH

INSTRUCTOR IN PENMANSHIP

CRITIC TEACHERS

LOUISE ATKIN

ANNETTE FENNEMAN

CAROLLA BANGSBURG

ADELIA MCCLERNEY

EMMA BALLS DIERDRE TRIBLE

FLORENCE LUTZ

*Summer Quarter

Department of Music

REGINALD W. BILLIN, (London and Paris)

HEAD OF THE DEPARTMENT OF MUSIC

INSTRUCTOR IN VOICE

JAMES ROBERT GILLETTE, (Syracuse University)

INSTRUCTOR IN ORGAN AND THEORY OF MUSIC

MRS. DONALD FRENCH, (New York, Chicago, Berlin)

INSTRUCTOR IN PIANO

OTTO PUDER, (Cincinnati Conservatory)

INSTRUCTOR IN VIOLIN

ADA BICKING, (A. I. N. M., Northwestern University)

INSTRUCTOR IN PUBLIC SCHOOL MUSIC

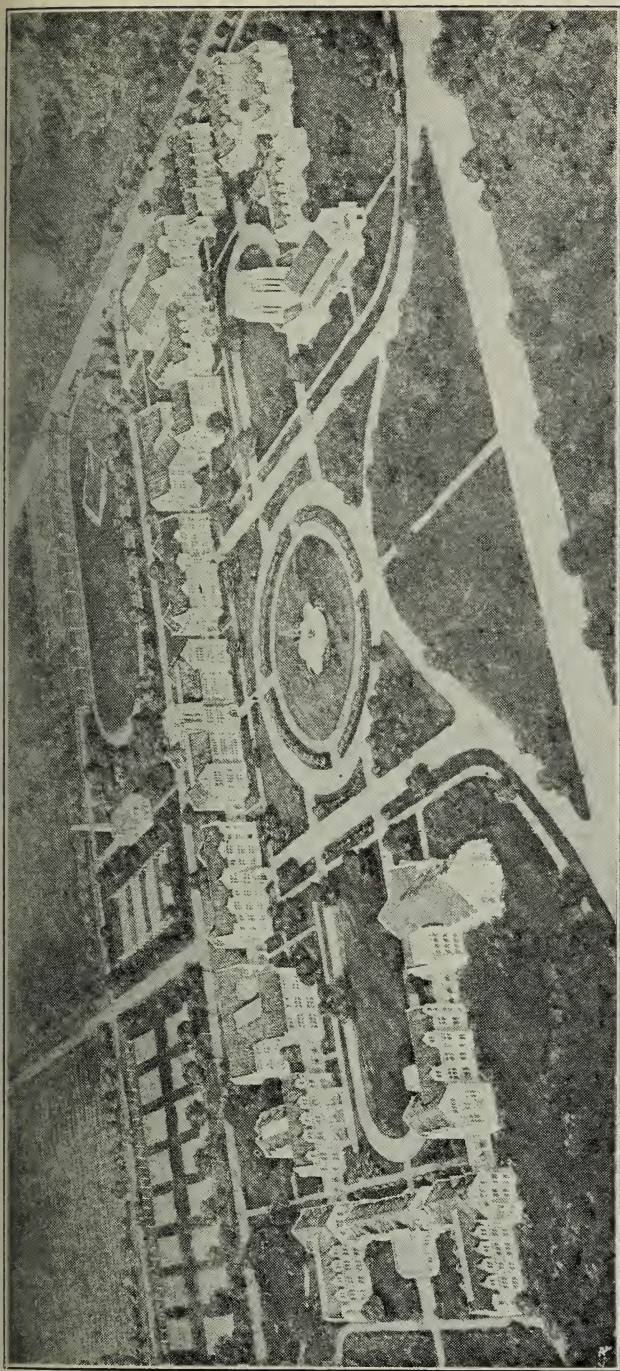
OTILIE WEINTZ, (Northwestern University)

ASSISTANT IN PIANO

(Summer Quarter)



COLISEUM



EVANSVILLE COLLEGE

Building Plan Adopted for the College
Main Administration Building to be ready for use by January 1, 1922

General Information

ORGANIZATION

Evansville College is organized under a charter granted February 17, 1919, by the legislature of the State of Indiana. This institution is the successor of Moores Hill College founded in 1856 at Moores Hill, Indiana. The Board of Trustees is composed of thirty-six members. The College has the support of a large constituency throughout southern Indiana, Illinois and northwestern Kentucky and of a prosperous city of nearly 100,000 people. The College is thoroughly Christian in its spirit, but under the terms of the charter the profession of any particular faith may not be required of students.

LOCATION

Evansville College is located at Evansville, Indiana. This thriving city is situated in the southwestern part of the State, not far from the center of a circle running through Indianapolis, St. Louis and Nashville. It is 287 miles from Chicago and about 250 miles from Cincinnati. It is surrounded by a rich agricultural region in three states and is the natural manufacturing and distributing center of the lower Ohio valley.

The city is easily reached by rail from all parts of the central west. Seven railroads enter the city: The Chicago and Eastern Illinois, The Southern, The Illinois Central, The Big Four, The Louisville and Nashville, The Evansville and Indianapolis, and the Louisville, Henderson and St. Louis. Evansville is also connected by traction with Princeton, Ft. Branch, Boonville, Mt. Vernon, Newburgh, Rockport, Henderson and other towns and cities in the surrounding territory.

BUILDINGS AND EQUIPMENT

Although housed in temporary quarters, Evansville College is not handicapped by inadequate facilities. The buildings and equipment available represent an investment of hundreds of thousands of dollars. Few institutions of long standing offer superior facilities.

The work of the College is carried on in buildings as near each other as are the college buildings on any campus. Class rooms, laboratories, library and gymnasiums are all within a few steps of each other. Thus the students have their work as centralized and convenient as is the case in a college using its own buildings.

Further, these buildings are at the very heart of the city of Evansville. College Hall, which is completely utilized by the College for class-room work, is just across the street from both the great Central High School, with fifteen hundred students, and the Y. M. C. A. building. It is within a block of the Vanderburgh County Court House. It is within two blocks of the great Coliseum and within an equal distance of the business center of the city. These buildings are also within two blocks of all traction and city street car lines. Every facility of the city is thus at the disposal of the students without the expense and time of travel to and fro.

NEW BUILDINGS

On the beautiful new campus of seventy acres, situated on Outer Lincoln Avenue, there is rising this summer, the first of the group of buildings shown on the opposite page. The main administration building, shown in the center of the group, will be an imposing structure of stone, containing offices, class rooms, laboratories, library reading room, rest rooms, and a spacious auditorium. It will be finely appointed throughout, and will represent the latest and best in educational architecture and equipment. This, with a temporary gymnasium seating about one thousand at athletic contests, and a well-designed heating plant, will be ready for occupancy about

January 1, 1922. It is confidently expected that the erection of other buildings will not be long delayed.

COLLEGE HALL

The class-room work of the College is done in College Hall, a new modern three story brick building on Vine Street, between Fifth and Sixth Streets. This building was erected originally for educational purposes and is splendidly appointed for college work. In addition to ample class rooms are found the library reading room, and the gymnasium, baths and dressing rooms for women. The gymnasium on the third floor is equipped with a stage and is used not only for the daily chapel exercises, but for other entertainments given by the student body.

SWEETSER HALL

In the women's dormitory, known as Sweetser Hall, the young women students find an ideal home. Located on Upper First Street, within ten minutes' walk from College Hall, it is in one of the most desirable residence districts to be found in all the city of one hundred thousand people. This fine old pressed brick residence, a mansion in reality, was built thirty years ago at a cost of fifty thousand dollars. In its three stories are found twenty-two rooms, besides spacious hall-ways and cozy corners. The house is finished in such rare woods as cherry, quartered oak, mahogany, walnut and bird's-eye maple. Through its windows may be seen in the immediate neighborhood some of the most beautiful homes of the city. No better environment for this home could be found.

Sweetser Hall is under Student Government in all things outside of academic requirements. The executive body is the House Committee which consists of a House President, House Vice-President, Corridor Chairmen, Song and Yell Leader and Fire Captain.

LABORATORIES

Recognizing the great expense involved in doing the plumbing to equip thoroughly laboratories for the sciences, the College makes use of the laboratories in Central High School, just across the street from College Hall. As the work in science expands other facilities will be provided. The work done in these laboratories is in no sense high school work; it is strictly of college grade and is done under the direction of the heads of the departments on the College Faculty.

The department of Biology is housed in a large room less than a block from College Hall. Adequate equipment for this department has been provided. A considerable increase in equipment is contemplated for the coming year.

LIBRARIES

In addition to the library of the College, which is housed in College Hall, the students have access to the libraries of Evansville. The central, or distributing, branch of the city system occupies rooms in the Coliseum, just a block and a half from College Hall. By arrangement between the College and the Public Library Board, a member of the city staff gives her entire time to the supervision of the College library. Books from the city are delivered at the College reading room as at the regular city branches.

In addition to the Public Library the city also has a fine asset in the Willard Library—a fine old institution, richly endowed and having on its shelves a great wealth of valuable material for the student of history, literature, philosophy and fine arts.

BOSSE FIELD

For athletic events Bosse Field is available. With its hundred thousand dollar concrete grandstand and bleachers, seating eight thousand people, and its large level field, this athletic park affords opportunities for athletic events unsurpassed anywhere. It is the policy of the school to promote to the fullest extent interclass athletic contests and to urge every student to participate

therein. While intercollegiate athletics are promoted, the greatest emphasis is laid upon providing for and insisting upon the best possible physical development for every student.

COLISEUM

The Coliseum, with its seating capacity of three thousand, being the largest auditorium in the State of Indiana, is available to the College for any occasions requiring large seating capacity. In this Coliseum is housed the great Centenary organ purchased by the city of Evansville from the Methodist Centenary at Columbus, Ohio. The College has an interest in the organ and the privilege of using it.

STUDENT ACTIVITIES

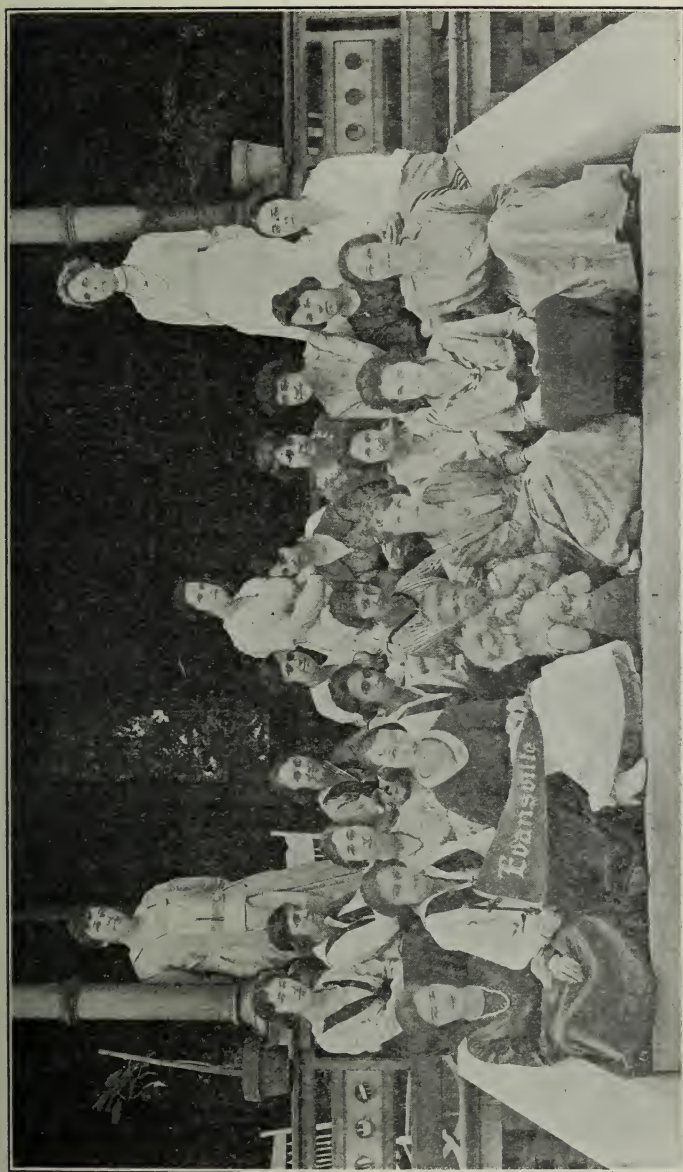
Students in Evansville College have peculiar advantages as regards student life. There is here all the enthusiasm of new organizations, mingled with the traditions of sixty years of history. It would be too much to say that in two years the student life could be as highly organized as is the case in older colleges. It is true, however, that such organizations as minister most directly and with most value to the development of the student have been successfully inaugurated.

Other activities will be entered upon as need for them may develop. Only those organizations however, will be encouraged which are likely to make a positive contribution to the mental, moral or social life of the student. Students who seek only a good time, and who mistake the social activities of the campus for the serious business of hard study and the mental discipline acquired by the mastery of their studies, are not especially urged to attend Evansville College.

At present the College has a Young Men's Christian Association, a Young Women's Christian Association, a Student Volunteer Band, four literary societies—two for men and two for women—and an Athletic organization. Several clubs have also been formed in connection with the various educational departments.



COLLEGE HALL



SWEETSER HALL GROUP

THE CRESCENT

One of the very first enterprises begun by the students of the College was the publishing of a paper. After much discussion the name "The Crescent" was chosen. This name was suggested by the bend in the Ohio which gives to the city of Evansville a beautiful river front curved like a great crescent.

It is doubtful if any enterprise of the new institution has achieved success beyond that of "The Crescent." The editors and assistants meet once a week as a class in the Department of English under the personal instruction of Dr. Franklin. All contributions to the paper are criticized by the class. This not only gives excellent training in journalism, but produces a paper that for genuine merit is easily among the best.

STUDENT GOVERNMENT

The students of the College are organized into a Student Government Association. It is the purpose of this Association "to develop self-control on the part of its members, to promote loyalty to the College, and in particular to have charge of all matters concerning the conduct of students in their College life, except such as are withheld from the jurisdiction of the Association by the terms of the "Agreement" entered into between the students and the Faculty. It is the aim of this "Agreement" to give the students real self government. All undergraduate students of the College are members of the Association and subject to the operation of the constitution. The most important legislation of the Association during the past year was the adoption of the "honor system" in examinations. The plan as adopted went into effect at the opening of the College in September, 1920.



EXCELSIOR CLUB



MEN'S BASKETBALL TEAM

ATHLETICS

Evansville College is fortunate in its athletic opportunities. As College Hall is directly across Vine Street from the Y. M. C. A. building, there is available for the men a thoroughly equipped gymnasium. Indeed no better appointed gymnasium may be found.

Not only have the men the opportunity of the use of the building, but Mr. George B. Schnurr, Physical Director for the Y. M. C. A., has charge of the physical training. This work is required of all men, in order that a foundation may be laid for robust health in after life.

During the Winter Quarter the students developed a men's basketball team and for the first time entered upon a full inter-collegiate basketball schedule. The young women of the College also organized a team, which made a good showing in games with local teams.

The men are already in training for track and baseball.

HEALTH

The health of the students is cared for not only by systematic physical training, but by careful medical attention. Arrangements have been made with the medical fraternity of Evansville whereby each student undergoes a thorough physical examination at least once a year by competent physicians. During the past year students by this method were made acquainted with



GIRLS' BASKETBALL TEAM

physical defects, and by proper attention these defects in many instances were remedied.

The Board of Trustees has authorized the collection from each student quarterly of a fee of \$1.00. Thus there will be provided a hospital fund by means of which emergency cases of illness may be cared for.

A faculty committee on Student Welfare has in charge all matters pertaining to the health of students, including the administration of this fund, and also rooming conditions. Students are permitted to room only in houses approved by this committee.

BOARD AND ROOM

The College has fitted up at considerable expense a large double house as a home for young women. This house is one of the fine old mansions of Evansville and in point of comfort is not excelled by many of the more modern dormitories. The students occupy one side of the house. Dr. Franklin, the head of the English Department, and Mrs. Franklin, Dean of Women, make their home in the other part of the house.

Room and board in this house, known as Sweetser Hall, is furnished at \$6.00 per week. This rate is subject to revision if the cost of living should make a change necessary. It is the policy of the College to furnish board at actual cost.

Sweetser Hall will accommodate about thirty students. Those who are planning to enter should make application as early as possible. Students are expected to bring the following articles: Sheets, pillows, pillowcases, bed clothing, towels, and wash cloths.

If Sweetser Hall should be inadequate for the accommodation of young women from out of town, additional provision will be made in suitable homes. Before engaging rooms outside the dormitory young women must secure the consent of the Dean of Women.

Young men will be permitted to room only in homes, which after investigation are found to be suitable. Good rooms are available in the better residence sections of the city at a cost to each of two students of from \$1.00 to \$2.50 per week. A list of approved places will be kept on file at the College office. Students may not change their rooming places without securing in advance the consent of the College authorities.

A group of young men occupy a house provided by the College and known as Excelsior Hall. Room rent and board cost them \$6.00 per week. Board will be furnished at the Club house to men rooming outside at \$4.00 per week.

The above prices do not include cost of the noon lunch on school days, which students get down town.

The College expects to be able to offer board for the year 1921-22 at a considerable reduction from prices now published. Announcement will be made in the annual catalog.

TUITION AND FEES

1921-22

The following charges for tuition and fees are payable at the time of registration:

Tuition, per quarter.....\$35.00

Laboratory Fees:

Chemistry, per quarter.....	4.00
Zoology, per quarter.....	2.00
Physics, per quarter.....	2.00

Home Economics:

Cooking, per quarter.....	5.00
Sewing, per quarter.....	3.00

Gymnasium:

Men, per quarter.....	2.00
Women, per quarter.....	1.50
Library, per quarter.....	1.00
Student Fund, per quarter.....	2.00
Special Examinations.....	1.00

Students who register for more than fifteen hours of work will be charged \$1.50 per quarter for each additional hour.

Students who register for twelve, or fewer, hours will be charged \$2.75 per credit hour, except that there will be no tuition charge of less than \$5.00.

A fee of \$1.00 is charged for registration on other than the days appointed for this purpose.

In case the student is compelled to withdraw before the middle of the quarter on account of illness, or for other imperative reason, \$5.00 of the fees

paid are retained as an enrollment fee and \$3.00 per week for the period of attendance. After the middle of the quarter no refund will be made.

The Student Fund is applied as follows : \$1.00 to the Hospital Fund, 50 cents to the subscription for "The Crescent", 33 1-3 cents for the support of athletics, and 16 2-3 cents for examination and test paper.

The College reserves the right to announce changes in fees, other than tuition, in the annual catalog.



SWEETSER HALL

College of Liberal Arts

TERMS OF ADMISSION

Evansville College desires as students only those young people whose school record and character are such as to indicate that they will profit by a college course. As evidence of fitness in these respects all candidates for admission are required to present certificates from the principals of their secondary schools. The certificates call for careful statements of principals as to the habits, interests and purposes of the student as manifested throughout his high school years, as well as for a record of his grades and his relative standing in his class.

All applicants for admission by certificate should write to the Registrar for an official entrance blank. This should be filled out by the Principal of the school and mailed to the College at least two weeks before the opening. It is urged that the official blank of the College be used and not that of the school. No enrollment will be regarded as completed until a satisfactory certificate is filed.

The College is more interested in the grade of work done by the student than in the particular courses pursued in the high school. For those who expect to take a regular college course, the completion of the secondary school course of four years is a minimum requirement for admission without condition. Graduates of schools accredited by state boards of education, by standard colleges, or by The North Central Association of Colleges and Secondary Schools should be able to furnish satisfactory certificates.

In general, the terms of admission to the Freshman class are those recommended by the State Board of Education of Indiana for graduation from a commissioned high school.

Graduates of a certified high school must take additional work before they can be admitted to full Freshman standing. Deficiencies may be removed: (1) by graduation from a commissioned high school; (2) by passing the equivalency examination, as set by the State Board of Education; (3) in the case of teachers by "charging back" an equivalent number of credits from work done in teachers' training courses. In no case, however, may substitution be made for the prescribed entrance requirements.

SPECIFIC REQUIREMENTS

The course as outlined by the State Board of Education for commissioned high schools consists of work for four years of at least eight months each. A year's work of daily recitations in one subject is the unit of measurement. Sixteen units are required for entrance to the College. Students coming from high schools where a course of not less than nine months is maintained may be admitted on the presentation of fifteen units.

Eleven units are prescribed and five elective, as follows:

A. Prescribed—

1. English, 3 units. English Composition and American and English Literature.
2. Mathematics, 2 units. Algebra and Plane Geometry.
3. Foreign Language, 2 units in one language. Latin, Greek, German, French or Spanish.
4. History, 1 unit.
5. Science, 1 unit in one science. Botany, Chemistry, Physics, Geology or Zoology, General Science, Physiology.
6. Two additional units selected from the above subjects.

B. Elective—5 units.

The elective credits may be from any subjects taught in the high school but it is strongly recommended that students who are preparing for college take the greater part of their credits from the prescribed subjects.

No course in science will be accepted for credit unless done with adequate laboratory facilities.

In case the student offers more than the prescribed amount of any subject, the excess may be credited to him on his college course. The College, however, reserves the right to determine whether or not the work presented for additional credit has been of such a grade as to justify the giving of advanced credit.

Candidates not presenting approved certificates may be admitted on examination. Such candidates will be required to pass on the same requirements as those admitted by certificate.

ADVANCED STANDING

Students who come from other institutions of college grade should present letters of honorable dismissal from those institutions. They should also present full credentials for their educational work, both high school and college. These credentials should state the time the student was in attendance at other institutions, the subjects studied, the number of recitations per week and the grades received. The amount of credit granted will depend upon the standing of the institution in which the work was done and the grade of work done by the student as indicated by his grades. In no case may a student receive more than one hundred and thirty-five hours of advanced standing toward the bachelor's degree.

REQUIREMENTS FOR GRADUATION

The degree Bachelor of Arts will be conferred upon those students who comply with the requirements for graduation from the College of Liberal Arts, as set forth in the following pages.

Attention is called to the degree in Engineering given at the completion of the co-operative engineering course.

CREDIT HOURS

The term-hour is the unit of credit. This unit consists of one class exercise a week in a subject, or its equivalent, continued throughout a quarter of twelve weeks. The student is expected to complete at least fifteen of these term-hours each quarter and is required to offer one hundred and eighty hours for graduation. In addition, work in physical education is prescribed for all students except Juniors and Seniors.

PRESCRIBED STUDIES

The prescribed studies are arranged in groups, from which the student is required to take work as indicated below.

In advising the student the Faculty will endeavor to secure a proper sequence of subjects. It will be the aim to build upon the high school course and to secure continuity in the college course. No definite number of hours is prescribed in each group. This will depend upon the courses taken.

The Groups are as follows:

GROUP I

English (language)
French
German
Greek
Latin
Spanish

GROUP II

Mathematics
Biology
Chemistry
Geology
Home Economics
Physics
Rural Economics

GROUP III

Economics
History
Literature
Political Science
Sociology

GROUP IV

Education
English Bible and
Religious Education
Philosophy
Psychology

GROUP V

Fine Arts
Music

Each student is required to pass in the following prescribed work:

1. English Composition and Oral English: English 1A and Oral English 1. Group I.
2. Two years (six quarters) of some one foreign language. Students presenting for admission as many as four years of some one foreign language may satisfy the foreign language requirement by taking one additional year (three quarters) of that language. Group I.
3. One year (three quarters) from Biology, Chemistry, or Physics. At least nine term-hours in addition from Group II.
4. One year (three quarters) from one subject in Group III. At least nine term-hours in addition from the Group. In addition Sociology 1 is prescribed for Freshmen.
5. One year (three quarters) from English Bible, Philosophy or Psychology, or a combination of not more than two of these. At least nine term-hours in addition from the group.
6. Six term-hours from Art or Music. Only such courses may count as have been approved for credit by the committee on curriculum.
7. Physical Education, two exercises a week, is required of all students except Juniors and Seniors. Deferred or incomplete credits must be made up by students before graduation.

MAJOR SUBJECT

In addition to the above requirements each candidate for a degree must complete a major in some one subject of not less than thirty-six term-hours. The major subject must be chosen not later than the Spring Quarter of the Sophomore year. The choice of the student must have the approval of the head of the department in which the major is to be taken. Minors and related work will also be determined by the head of the department, and the student's program when agreed upon may not be changed except by vote of the Faculty, on recommendation of the head of the department.

ELECTIVES

The student will select in consultation with his adviser sufficient electives to make his total 180 hours. Not more than 48 hours, however, may be taken in any one department, except in departments including more than one subject. In such cases the number of hours permitted will be determined by the Faculty. Juniors and Seniors may not elect elementary courses for full credit except as determined by the head of the department in which the major is taken.

FRESHMAN AND SOPHOMORE
PROGRAMS

As a rule the student must complete the prescribed work during the Freshman and Sophomore years. Entrance deficiencies must be given precedence over other subjects in the Freshman year.

For Freshmen pursuing a regular college course, the following program is suggested:

Required:

1. English Composition (English 1A), three hours a week.
2. Oral English (Oral English 1), two hours a week.
3. Introductory course for Freshmen (Sociology 1), one hour a week.
4. Physical Education, two exercises a week.

Sufficient from the following to make a total of fifteen hours (exclusive of Sociology 1 and Physical Education):

5. Foreign language, three to five hours a week.
6. Mathematics or science, four or five hours a week.
7. Three to five hours chosen from Group III or IV.

All choice of studies by Freshmen must be approved by a member of the Faculty assigned to that work. Those who expect to teach before completing a college course will find it necessary to substitute work in Education for certain subjects indicated above. Other modifications will be necessary in the case of students who plan to take up a technical course.

Sophomores will be expected to complete their group requirements. They will continue work in physical education. They must choose their major subject not later than the Spring Quarter, and, with the advice of the head of the department in which the major is taken, make out their programs for the remainder of the course. Changes in this program when once made out will not be permitted except by vote of the Faculty on recommendation of the head of the department in which the major is taken.

CLASSIFICATION OF STUDENTS

Students who are graduates of a commissioned high school, or have completed an equivalent course, and have not more than one unit of condition will be given Freshman classification. Those who have credit for forty term-hours of collegiate work, with all entrance requirements met, will receive Sophomore standing. In order to receive Junior or Senior standing the student must have credit for ninety and one hundred and thirty-five hours respectively.

SCHOLARSHIP STANDARDS

Grades are reported at the close of each quarter according to the following schedule: A plus, exceptional; A, excellent; B, good; C, fair; D, inferior; E, conditioned; F, failure. Teachers who so desire may report a minus or plus B or C.

D is the passing grade. In order to receive credit for a subject in which grade E has been received, the condition must be removed by a special examination taken within two weeks of the opening of the quarter following.

For each hour reported according to the above schedule the student receives the following value in points: A, three points; B, two points; C, one point; D, no point; E, minus one point; F, minus two points.

To be eligible for graduation the candidate must meet the following requirements: First, he must have credit for 180 term-hours. Of these, 120 hours must be of the grade C or above, and three-fourths of the major must be of the grade B or above. Second, he must have credit for an aggregate of 180 points.

At the middle and close of each quarter the student will receive a report of his standing. If he has received at the mid-quarter a grade of D, or below in any subject, a report is sent to the parent. At the close of each quarter a report of all grades is sent to the parent, and at the close of the first and third quarters to the high school from which the student comes.

HONORS

Honors are conferred at graduation upon those students who make a high record for scholarship. Those who have to their credit 100 hours of Grade A and 50 of grade B will be graduated with honors (*cum laude*). Those who have to their credit 150 hours of grade A will be graduated with high honors (*magna cum laude*).

Courses of Instruction

The studies in the College of Liberal Arts, as outlined at present, are described in the pages following. It is not the policy of the College to multiply courses, but rather to meet the legitimate demands of those seeking a liberal education. The Faculty believes that a few courses well taught and thoroughly mastered by the student are preferable to the confusion arising from the necessity of choosing from a great number of unrelated subjects. Additional courses in several departments will be announced in the annual catalog.

Courses are numbered by Arabic numerals, quarters by Roman numerals. The letters **a** and **b** following a course number indicate that the course is organized as two units of six weeks each, the letter **a** designating the first half of the course and the letter **b** the second half of the course. Superior figures 1 and 2 following a quarter number indicate that the course is given in the first or second half of a quarter respectively.

Unless otherwise stated in the description, courses are open not only to the class indicated but to students of a higher rank. Courses are not open to students of a lower rank than the class indicated.

In laboratory courses, unless otherwise indicated, two hours of laboratory work are counted as equivalent to one hour of recitation. The fees for laboratory courses will be found in the schedule of expenses, page 17.

Unless otherwise indicated courses extending over two or three quarters are to be regarded as continuous courses, and the course must be completed to count toward graduation.

Courses enclosed in brackets [] will not be offered during the first three quarters of 1921-22. The College reserves the right to withdraw courses for which the enrollment may not justify the organization of a class.

The courses in this catalog are arranged alphabetically with reference to the study, not with reference to departments.

ART

A course in drawing, two hours a week, is offered for teachers who are preparing to teach in the elementary schools. More advanced courses will be available as the demand may increase.

BIBLICAL LITERATURE AND RELIGIOUS EDUCATION

1. GEOGRAPHY OF BIBLICAL LANDS. A survey course dealing with the geography, and other physical aspects of the biblical world. Open to Freshmen. Two hours. Quarters I, II.
2. THE RELIGIONS OF THE WORLD. A genetic and historical study of the leading religious faiths of mankind. Open to Freshmen. Three hours. Quarters I, II.
3. OLD TESTAMENT HISTORY. A thorough study of the political, social and religious history of Israel to the Exile. Open to Sophomores. Three hours. Quarters I, II, III.
- 3A. OLD TESTAMENT HISTORY. The political, social and religious history of Israel to the close of the Exile. Five hours. Quarter IV.
4. HISTORY OF JUDAISM. A continuation of Course 3 dealing with the history and literature of exilic and post-exilic Judaism, 586-4 B. C. Pre-requisite: General familiarity with the earlier history of the Hebrews. Three hours. Quarters I, II.
5. INTRODUCTION TO THE NEW TESTAMENT. A study of the distinctive characteristics of the New Testament books. Open to Sophomores. Three hours. Quarters II, III.

6. LIFE OF CHRIST. Stress will be laid upon the fundamental problems and questions incident to the life. Open to Sophomores. Five hours. Quarter IV.
7. THE PROPHETS OF ISRAEL. A study of the development and meaning of the prophetic movement in Israel. Pre-requisite: Adequate preparatory work such as is covered by Course 3. Two hours. Quarters I, II.
- [8. LIFE OF PAUL. The Apostle as related to the immediate religious and social questions and movements of the time; his personality, movements, methods, ideals, and success. Two hours. Quarter I.]
9. PRINCIPLES OF RELIGIOUS EDUCATION. A study of the principles underlying the practical work of religious education. Open to Sophomores. Two hours. Quarter III.
10. THE ORGANIZATION AND ADMINISTRATION OF THE CHURCH SCHOOL. Functions and relationships of the local church school; its administrative organization, its building and equipment, its growth, discipline and development. Open to all. Two hours. Quarter I.
12. ORGANIZATION AND MATERIALS OF RELIGIOUS EDUCATION. A survey of the field of religious education in America, taking account of its present status, problems, and relationships. Two hours. Quarter II.
13. THE SOCIAL INSTITUTIONS OF THE BIBLE. A study from the original sources of the domestic, economic, political and religious institutions of the Hebrews. Pre-requisite: A general knowledge of the Hebrews, such as is covered by Course 3. Two hours. Quarter III.
- [14. THE TEACHINGS OF JESUS. The cardinal ideas of Jesus as to the nature of God, of sin, of prayer, of salvation, of the church. Pre-requisite, Course 3, or 5, or 6. Two hours.]
15. HEBREW POETIC LITERATURE. The place of poetry in the Bible, with attention to its structure, form and ruling ideas. Poetry as a means of worship; the antiphonal psalms; the composition of the Book of Psalms. Two hours. Quarter III.
22. THE RELIGIONS OF CHINA. Three hours. Quarter IV.
23. THE BOOK OF JOB. The date, form, composition, structure and ruling ideas of the book of Job, with their application to current personal problems. Two hours. Quarter IV.

BIOLOGY

(See Botany and Zoology)

BOTANY

- [1. GENERAL BOTANY. Open to Freshmen. Three hours. Quarters I, II, III.]

BUSINESS ADMINISTRATION

In connection with the Department of Economics the College plans to offer certain courses that will meet the needs of both regular and community students who desire to prepare for business careers. Announcement of these will be made later.

CHEMISTRY

1. CHEMISTRY. This course includes the study of the more common elements and compounds, the laws of combination and the relation of these to the affairs of men. Five hours. Quarters I, II, III.
2. QUALITATIVE ANALYSIS. This course consists of the analysis of waters, soils and common rocks. Pre-requisite, Chemistry 1. Quarters I, II, III.

3. ORGANIC CHEMISTRY. Three hours. Quarters I, II, III.
- [4. QUANTITATIVE ANALYSIS.]

ECONOMICS

1. PRINCIPLES OF ECONOMICS. A comprehensive study of economic theory. Not open to Freshmen. Five hours. Quarter I.
2. PRINCIPLES OF ECONOMICS. A continuation of Course 1 of the Autumn Quarter. Five hours. Quarter II.
- [3. ECONOMIC HISTORY OF THE UNITED STATES. Emphasis in this course is placed upon the later periods. Pre-requisite, Economics 1. Five hours. Quarter III.)
4. INDUSTRIAL COMBINATIONS. This is a study of the rise and development of corporations, trusts and monopolies, special attention being given to the question of government regulation of industry. Pre-requisite, Economics 1. Five hours. Quarter II.
5. LABOR PROBLEMS. This course traces the labor movement in the United States from its early beginnings to the present time. Pre-requisite, Economics 1. Five hours. Quarter III.
6. MONEY AND BANKING. A more intensive study of the principles of money than is possible in the elementary course. Pre-requisites, Economics 1. Five hours. Quarter III.

EDUCATION

Students in the College of Liberal Arts may elect courses in Education to meet both group requirements and the requirements of a major. For outline of the courses offered, see page 39 of this catalog.

ENGINEERING

The College maintains a Department of Engineering on the co-operative, or part time, system. Plans are under way for the extension of the system to non-technical students. An outline of the plan as adopted will be found on page 43. Those interested in part-time courses should send for the special Engineering bulletin.

ENGLISH

A—ENGLISH COMPOSITION

- 1A. ELEMENTARY COMPOSITION. The purpose of this course is to teach the student the underlying principles of correct and effective English. Required of Freshmen. Three hours. Quarters I, II, III.
- 2A. MAGAZINE WRITING. The purpose of this course is the preparation of manuscript suitable for publication. Two kinds of writing popular in the magazines, the long article and the short-story, will be studied and practiced under criticism. Open to all students who have satisfactorily completed English 3A. At the discretion of the instructor other students may be admitted. Three hours. Quarters I, II, III.
- 3A. JOURNALISM. Only those students who have special aptitude for writing, or especially desire to attain proficiency in writing for publication are admitted to this course. The publication of "The Crescent" is in the hands of this class. Two hours. Quarters I, II, III.
- 11A. ELEMENTARY ENGLISH. English 11A covers the same field as English 1A. The work is divided, however, into four units instead of three as in English 1A. A period of six weeks, five hours a week, is given to each unit. The course is designed to meet especially the needs of Spring and Summer Quarter students. Each unit gives a credit of two and one-half term-hours. The order in which the units are given will be found on page 42.

B—ENGLISH LITERATURE

- 1B. TYPES OF ENGLISH LITERATURE. In this course the development of the different forms of English Literature will be studied, through the outstanding masterpieces of each. Elective for all students and a pre-requisite for advanced courses in English Literature. Three hours. Quarters I, II, III.
 - 2B. CONTEMPORARY ENGLISH AND AMERICAN LITERATURE. The purpose of this course is to familiarize the student with the chief works of the writers of the present: the short-story, the drama, and poetry will receive attention. Three hours. Quarters I, II, III.]
 - 3B. AMERICAN LITERATURE. In this course the history and development of American Literature as a branch of English Literature is studied. Three hours. Quarters I, II, III.
 - 4B. AMERICAN WRITERS OF THE NINETEENTH CENTURY. This course will include a study of American literature from Washington Irving to the end of the nineteenth century. Five hours. Quarters IV.
 - [5B. SHAKESPEARE AND HIS PLAYS. During the first quarter the study will include the work of Shakespeare in the large. In the second and third quarters a careful study of individual plays is required, not fewer than two plays for each quarter. Three hours. Quarters I, II, III.]
- English 5B will alternate annually with English 3B or 6B.
- 6B. THE ROMANTIC POETS. The poetry of Wordsworth, Coleridge, Shelley, Keats, Byron, Tennyson, and Browning. Three hours. Quarters I, II, III.
 - 7B. OLD ENGLISH. In this course Old English Language and Literature will be studied. Three hours. Quarter I.
 - 8B. BEOWULF. This course is a continuation of 7B, which is a pre-requisite. The main purpose of the course is the reading understanding of Beowulf in the original. Three hours. Quarter II.
 - 9B. CHAUCER. Middle English language and literature, with special emphasis on Chaucer will be studied in this course. Three hours. Quarter III.
 - 10B. TYPES OF GREAT LITERATURE. This course is a repetition of the first half of English 1B. Five hours. Quarter IV.

ENGLISH—ORAL

The Department of Public Speaking is correlated with the English Department after the plan adopted by Harvard in 1915 and is known as Oral English. The first year's work is required of all Freshmen and is correlated with English 1A. The Freshmen themes of English 1A are corrected and then taken to the Oral English Department where they are made into speeches and delivered from the platform.

1. ELEMENTARY PUBLIC SPEAKING. This course deals with the physiological and scientific principles of sound utterance; with quality, force, pitch and time as generic elements; with pronunciation, articulation, breathing, and the response of the body to thought. This course is required of all Freshmen, and is a pre-requisite for all other courses in the department. Two hours. Quarters I, II, III.
2. INTERPRETATION. Application of the principles of public speaking to the interpretation of selections from literature. Pre-requisites, Oral English 1 and English 1A. Two hours. Quarter I.

3. **INTERPRETATION OF POETRY.** Lectures on the different forms of poetry, with special attention to the nature of each, and the interpretation of these forms. At the close of the course, each pupil must have mastered one poet, to the extent that he is able to interpret to an audience for one hour the poet's life and works. Pre-requisites, Oral English 1 and English 1B. Two hours, Quarter II.
4. **INTERPRETATION OF DRAMA.** This course consists of character study and impersonation; the interpretation of scenes and acts from the drama, outside of Shakespeare; and the platform presentation of one-act plays. Pre-requisites, Oral English 1 and English 1B. Two hours. Quarter III.
- [5. **ORATORY.** This course consists of the text book study of the History of Oratory, the writing and delivering of civic, panegyric and subject orations, critiques, etc. Two hours. Quarters I, II.]
6. **DEBATE.** This course alternates with Oral English 5. Pre-requisite, Oral English 1. Two hours. Quarters I, II.

FRENCH

1. **ELEMENTARY FRENCH.** Elementary French grammar, followed by a reader and easy tasks. Written and oral exercises. Practice in hearing and speaking French. Open to students who have not presented French for admission. Five hours. Quarters I, II, III.
2. **SECOND YEAR FRENCH.** Rapid review of elementary grammar; advanced grammar, syntax and composition; reading of selections from nineteenth century authors. Increased use of French in class. Pre-requisite, French 1, or two years of high school French. Three hours. Quarters I, II, III.
3. **THIRD YEAR FRENCH.** Readings from representative authors of the seventeenth, eighteenth and nineteenth centuries; advanced composition weekly. Pre-requisite, French 1 and 2. Three hours. Quarters I, II, III.
4. **FOURTH YEAR FRENCH.** A survey of French literature with readings from classic and modern authors. Conducted in French. Pre-requisite, French 3. Three hours a week. Quarters I, II, III.

GREEK

1. **ELEMENTARY GREEK.** Beginning Greek. Five hours. Quarters I, II, III.
2. **XENOPHON AND HOMER.** "Anabasis" and Prose Composition. Homer's "Iliad." Pre-requisite, Greek 1. Five hours. Quarters I, II, III.
4. **NEW TESTAMENT GREEK.** Pre-requisite, Greek 1 and 2. Three hours. Quarters I and II.
5. **PLATO, HERODOTUS, EURIPIDES.** Pre-requisite, Greek 2. Three hours. Quarters I, II, III.
- [6 and 7. **JUNIOR-SENIOR COURSES.** The selections will vary from year to year. The list will include Thucydides, Aeschylus, Sophocles, Aristophanes, Plato, Theocritus and other Greek writers. Pre-requisite, Greek 5. Three hours. Quarters I, II, III.]

HISTORY

1. **EUROPEAN HISTORY.** A survey of the mediaeval period followed by a more thorough study of the modern period. Open to Freshmen. Five hours. Quarters I and II.
- 1A. **EUROPEAN HISTORY.** The nineteenth Century. Five hours for one quarter. Quarters III and IV.

2. **ENGLISH HISTORY.** A general survey of English History to the close of the nineteenth century. Pre-requisite, History 1, or other introductory course. Three hours. Quarters I, II, III.
3. **AMERICAN HISTORY.** Careful survey of American History with special reference to social and economic facts. Five hours. Quarters III and IV.
4. **AMERICAN CONSTITUTIONAL AND POLITICAL HISTORY.** A study of American history (1) from the standpoint of the development of the Constitution, and (2) from the standpoint of political life and problems. Pre-requisite, History 3, or equivalent. Five hours. Quarters III and IV.
5. **THE RENAISSANCE AND REFORMATION.** A study of these movements during the fourteenth, fifteenth and sixteenth centuries. Pre-requisite, History 1. Five hours. Quarter I.
6. **THE INDUSTRIAL REVOLUTION.** A careful study of the Revolution in England—its causes, progress, and results in economic and social life. Pre-requisite, History 1 or 3. Five hours. Quarter II.
7. **INTERNATIONAL LAW.** A survey of the development in theory and practice of International Law. Pre-requisite, History 1 or 3. Five hours. Quarter III.

HOME ECONOMICS

The department of Home Economics offers courses to meet the needs of three classes of students: those who wish to learn the process and principles of home-making, those who wish to major in Home Economics, and teachers who are candidates for the Special Two-Year Certificate. Teachers and those who take Home Economics as a major subject should plan their work to include related courses in other departments. They should, therefore, confer with the head of the department of Home Economics before deciding upon their programs.

1. **FOODS.** General principles of food and cookery. Three lectures and two laboratory periods a week. Five hours. Quarters I, II.
2. **FOODS.** Batters and doughs; meal plans and table service. Pre-requisite, Home Economics 1. Five hours. Quarter III.
3. **CLOTHING.** A study of textile materials, their history, manufacture and use. Three lectures and two laboratory periods a week. Five hours. Quarters I, II.
- [4. **MILLINERY.** Pre-requisite, Home Economics 3. One lecture and two laboratory periods a week—a three-hour credit.]
5. **CLOTHING.** Advanced dress-making; history of costume; costume designing. Pre-requisite, Home Economics 3. Three lectures and two laboratory periods a week—a five-hour credit. Quarter III.
6. **FOOD.** Diet in health and disease. Invalid cookery. Pre-requisite, Physiology and Home Economics 1 and 2. Two lectures and two laboratory periods a week. Four hours. Quarter III or IV.
7. **HYGIENE, HOME NURSING, CARE OF CHILDREN.** Pre-requisite, Home Economics 1 and 2. One lecture and two laboratory periods a week. A three-hour credit. Quarter III or IV.
- [8. **THE HOUSE.** Plans; sanitation; decoration; management. Pre-requisites, Chemistry 1, Zoology 1, some work in Art. Two lectures a week—a two-hour credit.]
9. **HOUSEHOLD ACCOUNTING.** Business accounts and customs. Household budgets. Pre-requisite, Home Economics 1 and 3. Two hours. Quarter III.

10. **PRACTICE HOUSE.** This course will be given in connection with a model house in which college women can have the actual experience, under the supervision of a teacher, of managing and doing the work connected with home-making.]
11. **HISTORY OF THE FAMILY.** Survey of the field of women's activities. The relationship of Home Economics to social and civic welfare.]
13. **THE PROBLEMS OF THE RURAL SCHOOL.** Three hours a week. Quarter III. Repeated in Quarter IV.
14. **GENERAL PRINCIPLES.** A survey course of the principles underlying food, clothing, shelter, and the wise expenditure of income. Five hours. Quarter IV.

SPECIAL TWO-YEAR COURSE FOR TEACHERS

Candidates for the special two-year provisional certificate in Home Economics (see page 39) will be required to present the following credits:

	Hours
Home Economics (Courses 1, 2, 3).....	25
Home Economics (Elective).....	13
English (Oral and Written).....	15
Science (Biology, Physiology, Chemistry).....	15
Education (Courses 1, 3, 4, 9A).....	22
Sociology 1.....	3

Non-preparation work as in the two-year course for elementary teachers page 37.

LATIN

1. **ELEMENTARY LATIN.** Open to all students. Five hours. Quarters I, II.
2. **CAESAR.** The Gallic War. Pre-requisite, Latin 1. Five hours. Quarter III.
3. **CICERO; VERGIL.** The course in Cicero's orations aims to assist the student to read more rapidly, and to overcome special weaknesses. Pre-requisite, Latin 1 and 2 above, or two years of high school Latin. Five hours. Quarters I, II, III.
4. **CICERO; LIVY.** Cicero, De Senectute. Livy, Books I and XXI. Pre-requisite, Latin 1 and 2 and the first quarter of Latin 3, or three years of high school Latin. Five hours. Quarters I, II, III.
5. **CICERO; HORACE; CATULLUS.** Cicero, Selections from the Letters. Horace, Odes and Epodes. Catullus. Pre-requisite, Latin 4. Three hours. Quarters I, II, III.
- [6. **HORACE; PLAUTUS; TERENCE.** Horace, Satires. Plautus, Comedies. Terence, Comedies. Pre-requisite, Latin 5. Three hours a week. Quarters I, II, III.]
- [7. **PLINY, TACITUS, JUVENAL.** Pliny's Letters. Tacitus, Agricola and Germania. Pre-requisite, Latin 5. Three hours. Quarters I, II, III.]
8. **PRIVATE LIFE OF THE ROMANS.** This course aims to reconstruct through literary and archeological evidence a picture of the private life of the Romans.
9. **TEACHING OF LATIN.** Open to teachers of Latin and to prospective teachers who have had four years' work in Latin. The course satisfies the requirement for those who expect to teach in the high school (See Education 29). Three hours. Quarter IV.

MATHEMATICS

0. PLANE AND SOLID GEOMETRY. The course is of high school grade and is given for those who are conditioned in Mathematics. Five hours a week for the Autumn Quarter and for other quarters if the demand should justify.
1. COLLEGE ALGEBRA. Pre-requisite, high school Algebra and Plane Geometry. Five hours. Quarter I.
2. TRIGONOMETRY. Pre-requisite, Mathematics 1. Five hours. Quarter II.
3. ANALYTICAL GEOMETRY. Pre-requisite, Mathematics 1 and 2. Five hours. Quarter III.
4. ANALYTICAL GEOMETRY AND CALCULUS. Pre-requisite, Solid Geometry and Mathematics 1, 2 and 3. Five hours. Quarter I.
5. ADVANCED CALCULUS. Pre-requisite, Mathematics 4. Five hours. Quarters II, III.
6. DIFFERENTIAL EQUATIONS. Pre-requisite, Mathematics 1-5. Five hours. Quarters I, II.
7. THEORY OF EQUATIONS. Pre-requisite, Mathematics 1-5. Five hours. Quarter III.
- [8. SOLID ANALYTICS. Pre-requisite, Mathematics 1-7. Four hours. Quarter III.]
- [9. MODERN GEOMETRY. Pre-requisite, Mathematics 1-5. Four hours. Quarter III.]
10. DESCRIPTIVE ASTRONOMY. Systems of reference; study of the visible wonders of the heavens. Presented from the historical point of view. Pre-requisites, Mathematics 1, 2, 3. Three hours. Quarters I, II.

MUSIC

Candidates for a degree are permitted to elect courses in Music to the amount of eighteen term-hours. These courses may not be of a technical or professional character.

PHILOSOPHY

Courses in Philosophy, Ethics, Logic and Psychology will be announced in the annual catalog.

PHYSICAL EDUCATION

Two years of work, two exercises a week, are prescribed for all students who are candidates for a degree or for the provisional certificate in Education.

Physical training for men is given in connection with the city Y. M. C. A. The physical director of the Association has charge of the work. For a small fee the young men receive not only excellent instruction in Physical Education and efficient direction of their athletic activities, but also certain privileges such as the use of the swimming pool, in the Association building.

The work in physical training for women is given by Miss Vera Merryman, Physical Director of the city Y. W. C. A. A general course is given in the first year followed by a more specialized course the second year.

PHYSICS

1. GENERAL PHYSICS. A course covering the subjects of mechanics, sound and heat, magnetism and electricity. Open to students who have not had Physics, and to those whose high school preparation has not been sufficient to enable them to take up the more advanced courses. Three lectures a week. Quarters I, II, III, IV.

2. **LABORATORY PHYSICS.** This course supplements Physics 1, but is to be registered for separately. Two two-hour periods a week in the laboratory. Quarters I, II, III, IV.
- [1a. **ELEMENTARY MECHANICS.** A more advanced study of Mechanics than that given in Physics 1. The course is preparatory to Physics 3, and is especially designed for prospective engineers. Physics 1 and Mathematics 1, 2, and 3 are pre-requisites. Mathematics 4 must have been completed or must be taken simultaneously with the course. Three hours. Quarters I, II.]
3. **ANALYTICAL MECHANICS.** Pre-requisite, Physics 1 and 2 and Mathematics 1, 2, 3, 4. Three hours. Quarters I, II.
- [4. **PHYSICAL THEORY OF MUSIC.** Especially for students in Music, but open to any college student. Four hours. Quarter I.]
- [5. **MECHANICS OF FLIGHT.** Pre-requisites, Physics 1, 2 and 1a and Mathematics 1, 2, 3 and 4. Three hours. Quarter II.]
6. **HOUSEHOLD PHYSICS.** Especially for students in Home Economics, but open to others who may want a brief course in Physics. Two hours. Quarters I, II, III.

PUBLIC SPEAKING

[See English—Oral.]

RELIGIOUS EDUCATION

[See Biblical Literature.]

SOCIOLOGY

1. **COLLEGE INTRODUCTION.** The aim of this course is to aid the student in properly relating himself to the conditions of college life. It also looks beyond the college period to the life work of the student. The course is given by members of the Faculty and by others especially equipped to deal with certain topics. A considerable part of the course is devoted to personal hygiene. Attention of a definite sort is given to vocational guidance. The reading of books dealing with the topics discussed is required. The course is a requirement for all Freshmen. One hour a week for a year. A credit of one hour is given to those who satisfy the requirements of the course.
2. **PRINCIPLES OF SOCIOLOGY.** A systematic study of the underlying principles of social science. Not open to Freshmen. Five hours. Quarter I.
3. **SOCIAL PATHOLOGY.** Some of the topics studied are poverty, charity, crime, degeneration, eugenics, immigration, dissipation, urban and rural conditions, questions relating to the family and to social education. Pre-requisite, Sociology 2. Five hours. Quarter II.
4. **RURAL SOCIOLOGY.** A presentation of rural life from its social point of view, its significance, conditions, and possibilities. Five hours for one quarter. Quarters III and IV.
5. **THE FAMILY.** A thorough study of the family in its social aspect. Pre-requisite, Sociology 2. Five hours. Quarter I.
6. **MUNICIPAL PROBLEMS.** Housing, sanitation, public health, delinquency, child welfare, etc. The development of the public health movement and other welfare agencies and the increased emphasis upon the socializing aspects of religious and educational institutions. Pre-requisite, Sociology 2. Five hours. Quarter II.

SPANISH

1. FIRST YEAR SPANISH. Elementary grammar and reading course. Five hours a week. Quarters I, II, III.
2. SECOND YEAR SPANISH. Continuation of Grammar. Emphasis on composition and conversation. Pre-requisite, Spanish 1, or two years of high school Spanish. Three hours a week. Quarters I, II, III.
- [3. THIRD YEAR SPANISH. An advanced course for students who have shown special aptitude and who desire to specialize. Three hours a week. Quarters I, II, III.]

ZOOLOGY

1. GENERAL ZOOLOGY. This course is a fundamental one in animal life. It will include the intensive study of a few animals so as to give an understanding of their habitat, morphology, physiology and reproduction. Open to Freshmen. Five hours a week—three class exercises and four hours in the laboratory. Quarters I, II, III.
2. PHYSIOLOGY. This is a study in human anatomy, physiology, hygiene and sanitation for the students who have taken the first quarter of Zoology 1. Five hours a week for one quarter—three class exercises and four hours in the laboratory. Quarters II, III and IV.
3. EMBRYOLOGY. A study of oogenesis, spermatogenesis and the development of the frog, chick and pig with comparisons with other forms. Pre-requisite, Zoology 1. Three hours. Quarters I, II.
4. HISTOLOGY. Three hours. Quarters I, II, III.
- [5. COMPARATIVE VERTEBRATE ANATOMY.]
6. GENETICS AND EVOLUTION. Two hours. Quarters I, II, III.

The Department of Education

The fundamental aim of the Department of Education is to organize education on a scientific basis and to equip students with such a knowledge of the principles of educational psychology, school organization and management, of the specific methods in classroom subjects, of educational measurements, and of the historical development of educational institutions as will make them independent and scientific workers in practical every-day teaching.

The Department offers carefully prepared courses drawn along scientific lines for rural teachers, for city elementary school teachers, for teachers of special subjects, and for high school teachers. The attention of rural teachers is called especially to the Class A and B work and the one year course for rural teachers leading to a one year certificate of professional training. For teachers looking forward to employment in city school systems it should be said that the best cities welcome the product of the two year teacher's course. Many teachers are taken directly into the Evansville public schools. The courses in the special subjects, Industrial Arts, Home Economics, and Music, are based upon the best methods in the country. The College offers to high school teachers not only scientifically organized educational courses designed for those looking forward to high school instruction but also strong courses for specialization in the different academic fields.

The work of the Department of Education is on a strictly collegiate basis. Courses of doubtful college grade are eliminated. The so called "review" and general methods courses are supplanted by strong academic work of college grade and by specific methods courses including such definite, concrete and specific suggestions for the teaching of the different school subjects as have been established by the scientific methods of modern research. Students desiring advanced work will find a wide range of college courses. Education students will experience little difficulty and no loss of credit in transferring to other departments of the College or to other Colleges of Liberal Arts.

THE TRAINING SCHOOL

The Elementary Training School of Evansville College has unusually good practice facilities. Under an arrangement between the College and the Board of Education of the city of Evansville and Knight Township, Vanderburgh County, there are three training schools: The Baker Avenue school, one of the city schools set aside for observation and practice; the Harper school, a one room rural school within two blocks of the College grounds; and the Hebron school, a three room consolidated rural school, a five minute ride from the college site. These schools are in charge of skillful, professionally trained critic teachers with the thorough background of experience that a large city school system such as Evansville and vicinity can well maintain. Through observation, practice teaching, and laboratory periods, the courses of the Department of Education are related to the work of the training school. The total result is a close correlation of theory and practice.

THE PLACEMENT BUREAU

The work of this Bureau is in the hands of the Committee on Recommendations. This committee recommends to school authorities, who are seeking to fill vacancies, properly qualified candidates selected from present and former students of Evansville College. Recommendations are made and information given only upon the request of the authorities concerned. A thorough system of records is maintained including (a) correspondence and interviews; (b) general intelligence tests; (c) individual analyses and reports; (d) high school and college grades; and (e) teachers' estimates of miscellaneous social qualities. By this method the abilities of the different candidates are

reasonably well established and candidates so recommended may under ordinary conditions expect to succeed.

The committee seeks to serve, without charge to either, the interests of both the students and the schools which may be in need of such aid.

To former students of Evansville College the Bureau will be glad to offer any assistance for their professional advancement. It is urged that each former student keep the Bureau informed of his changes in address and in educational work in order that the College may always have on hand the latest information about each of its students. All students looking forward to appointment should fill out the regular teacher's application form.

SPRING AND SUMMER SCHEDULE

The college calendar is arranged for the special convenience of teachers in service: April 4 the Spring Quarter begins, May 9 the Mid-Spring Quarter, and June 22 the Summer Quarter. Teachers of seven or seven and one-half months' schools can easily enter April 4th, teachers of eight months' schools will find May 9 convenient, and teachers of nine and ten months' schools may enter June 22nd. Full twenty-four weeks, if desired, can be secured after April 4, eighteen weeks after May 9th, and twelve weeks after June 22. High School graduates of seven, eight, nine, and ten months' schools will find the above plan advantageous. Through the above arrangement those of seven months' schools can complete the regular two-year course in three spring and summer quarters and teach in the meantime.

The courses of the Spring and Summer Quarters are organized as units of six weeks each. Each six weeks' work in a subject is a definite unit of carefully organized material. The advantages of the plan are obvious. Moreover, all educational courses of the regular school year are offered during the Spring and Summer Quarters.

THE VESEY LAW

By act of the state legislature, 1919, the State Board of Education was authorized to establish an approved two-year course for the preparation of teachers of elementary schools. On the completion of this course a provisional certificate is granted, valid for four years, for teaching in the public elementary schools of the state without examination. On the completion of two years of successful teaching, within the life of the provisional certificate, the State Board of Education will grant to the teacher a life certificate to teach in the elementary schools of the state without examination.

A student who completes the regular two-year course as outlined in the Department of Education of the College will be granted a provisional certificate.

The same law provides for the establishing of a four-year course for high school teachers. Graduates from this course and also graduates of a standard college are entitled to a provisional certificate valid for four years for teaching in the public high schools of the state without examination, under the following conditions: (1) that one-fifth of the college course, thirty-six term hours, shall be in approved courses in education, including observation and practice teaching; (2) that the license shall be valid for teaching those subjects in which the student has earned two full years of college credit. On the completion of two years of successful teaching, within the life of the provisional certificate, the State Board of Education will grant to the teacher a life certificate to teach in the high schools of the state without examination.

Provision is also made in the law for provisional certificates and life license in special subjects: music, penmanship, drawing, physical education, home economics, manual training.

Only graduates of commissioned high schools or persons of equivalent scholarship may enter the provisional certificate courses. Graduates of certified high schools, however, may enter the courses for Classes A and B, and sufficient credit may be counted back from these courses to entitle the student to proceed with the certificate courses.

Admission to the Department of Education is on the same general conditions as admission to other departments of the College. Each applicant for admission must present to the Dean of the College a complete certified record of his high school course. This is placed on file in the office as a part of the student's record. Blanks for this purpose may be obtained by addressing either the President or Dean of the College.

The Department is accredited by the State Board of Education for the Class A and Class B certificates and for the two-year provisional certificate for elementary teachers. The College also issues a certificate of training upon the completion of thirty-six weeks, which entitles the holder (upon examination) to teach in the elementary schools of a town or city maintaining a commissioned high school. Courses have been organized leading to the Class C certificate, the special two-year certificate in Home Economics, Music and Industrial Arts, and the high school certificate. Application for the recognition of the College for granting these certificates is pending.

INDIANA TEACHERS' CERTIFICATES

1. CLASS A CERTIFICATE.

Students may obtain the Class A certificate by complying with the following conditions:

- a. They must have graduated from a certified or commissioned high school.
- b. They must attend one full quarter of twelve weeks and may not be absent from class more than ten days and then only because of illness or for other absolutely unavoidable reasons.
- c. They must present sixteen credits as outlined in the first quarter of the regular one-year or two-year courses as given below. In addition each student must pursue non-preparation work to the extent of four hours per week, such work to include Physical Education, two exercises a week, and two exercises a week from Music, Drawing or Penmanship.

2. CLASS B CERTIFICATE.

Students may obtain the Class B Certificate by attending one quarter beyond the twelve weeks required of Class A students. The work for this certificate is sixteen credits as outlined in the second quarter of the one-year or two-year courses as given below.

In addition each student must pursue non-preparation work to the extent of four hours per week, such work to include Physical Education, two exercises a week, and two exercises a week from Music, Drawing, or Penmanship.

3. CLASS C CERTIFICATE.

The course for the Class C certificate consists of three years' work as outlined below in the Three-Year Course for elementary teachers.

THE ONE-YEAR COURSE

FOR RURAL TEACHERS

AUTUMN QUARTER

	Hours
Introduction to Education (Education 1).....	5
Rural Sociology (Sociology 4).....	5
English Composition (English 1A).....	3
The Organization and Technique of the teaching of Elementary School Arithmetic (3 hours) or Reading (2 hours).....	2
Sociology 1.....	1

WINTER QUARTER

Child Psychology (Education 3).....	5
Physiology and Hygiene (Zoology 2).....	5
English Composition (English 1A).....	3
The Organization and Technique of the Teaching of Elementary School English (2 hours) or Geography and History (3 hours).....	2
Sociology 1.....	1

SPRING QUARTER

Principles of Teaching (Education 4).....	5
Observation and Supervised Teaching (Education 9A).....	5
English Composition (English 1A).....	3
Rural Education.....	2
Sociology 1.....	1

The required non-preparation credits for the one-year course are those of the first year of the Two-Year Course.

THE TWO-YEAR COURSE

FOR ELEMENTARY TEACHERS

FIRST YEAR

AUTUMN QUARTER

	Hours
Introduction to Education (Education 1).....	5
Biology (Zoology 1).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

WINTER QUARTER

Child Psychology (Education 3).....	5
Physiology and Hygiene (Zoology 2).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

SPRING QUARTER

Principles of Teaching (Education 4).....	5
Observation and Supervised Teaching (Education 9A).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

SECOND YEAR

AUTUMN QUARTER

	Hours
Principles of Sociology (Sociology 2).....	5
The Organization and Technique of the Teaching of Elementary School Reading (Education 8B).....	2

The Organization and Technique of the Teaching of Elementary School Arithmetic (Education 8C).....	3
Home Economics, Industrial Art, or Agriculture.....	5

WINTER QUARTER

The Organization and Technique of the Teaching of Elementary School English (Education 8A).....	2
The Organization and Technique of the Teaching of Elementary School History, Civics and Geography (Education 8D).....	3
Supervised Teaching (Education 9C).....	5
Elective.....	5

SPRING QUARTER

Public School Systems (Education 5).....	2
Psychology of Elementary School Subjects (Education 7).....	3
American or Modern European History.....	5
Economics.....	5

In addition to the above each student will be required to take non-preparation courses to the extent of four exercises a week during the two years. Physical Education, two hours a week, must be one of these; the remaining credits may be offered in Public School Music, Drawing, Penmanship, etc.

THE THREE-YEAR COURSE

FOR ELEMENTARY TEACHERS

FIRST YEAR

AUTUMN QUARTER

Introduction to Education (Education 1).....	5
Biology (Zoology 1).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

WINTER QUARTER

Child Psychology (Education 3).....	5
Physiology and Hygiene (Zoology 2).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

SPRING QUARTER

Principles of Teaching (Education 4).....	5
Observation and Supervised Teaching (Education 9A).....	5
English (English 1A and Oral English 1).....	5
Sociology 1.....	1

SECOND YEAR

AUTUMN QUARTER

Principles of Sociology (Sociology 2).....	5
Modern Language.....	5
Elective (Major).....	5

WINTER QUARTER

American or Modern European History.....	5
Modern Language.....	5
Elective (Major).....	5

SPRING QUARTER

Teaching of a Special Subject.....	2
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Modern Language.....	5
Elective (Major).....	5
Elective.....	3

THIRD YEAR

AUTUMN QUARTER

Economics (Economics 1).....	5
Elective (Major).....	5
Elective (Minor).....	5

WINTER QUARTER

Supervised Teaching.....	5
Elective (Major).....	5
Elective (Minor).....	5

SPRING QUARTER

Psychology of Elementary Instruction (Education 7).....	3
The Junior High School.....	2
Elective (Major).....	5
Elective (Minor).....	5

The terms "major" and "minor" as used above refer to the major and minor subjects required for graduation from the College of Liberal Arts (see page 21).

Students in the Three-Year Course are required to take non-preparation subjects as prescribed under the Two-Year Course.

FOUR-YEAR COLLEGE COURSE FOR TEACHERS

This course aims to meet the needs of two classes of students: (1) Graduates of the Two-Year Course who desire to complete a regular four-year college course for teachers; and (2) Liberal Arts students, majoring either in Education or in some other academic department, who expect to teach and who desire the high school teachers' certificate.

The requirements for graduation from the Four-Year Course are as follows:

- A. Graduates of the Two-Year Course who are majoring in an academic subject other than Education and who desire the high school teachers' certificate: (1) twenty additional hours in Education over and above that required in the Two-Year Course; (2) thirty-six hours in a major subject; (3) thirty hours in a minor subject.
- B. Graduates of the Two-Year Course who are majoring in Education and who desire the high school teachers' certificate: (1) twenty additional hours in Education over and above the Two-Year Course; (2) a second Major subject outside the field of Education, with thirty hours of credit; (3) a minor subject with thirty hours of credit.
- C. Liberal Arts students who are majoring in an academic subject other than Education and who desire the high school teachers' certificate: (1) thirty-six hours of Education as outlined below; (2) a major subject outside the field of Education with thirty-six hours; (3) a minor subject with thirty hours of credit.
- D. Liberal Arts students who are majoring in Education and who desire the high school teachers' certificate: (1) thirty-six hours in Education as outlined below; (2) a second major subject in one of the other academic subjects with thirty hours of credit; (3) a minor subject with thirty hours of credit.

SPECIAL TWO-YEAR COURSES

These courses are for the preparation of teachers or supervisors of Public School Music, Home Economics and Industrial Arts.

The work required for the Provisional Special Certificate is as follows:

- (a) Fifteen hours in English as prescribed in the two-year course.
- (b) Twenty-two hours in special professional subjects including the Introduction to Education, Principles of Teaching, Child Psychology, Special Methods, observation and supervised teaching of the special subject.
- (c) Forty-five hours in the special subject. Courses are offered in Public School Music, Home Economics and Industrial Arts. A complete statement of the required work is given under the different departmental statements.
- (d) Elective—eight hours.
- (e) Non-preparation credits as prescribed in the Two-Year Course.

COURSES OF INSTRUCTION

Courses are numbered by Arabic numerals, quarters by Roman numerals. The letters *ab* following a course number indicate that the course is organized as two units of six weeks each, the letter *a* designating the first half of the course and the letter *b* the second half of the course. Superior figures ¹ and ² following a quarter number indicate that the course is given in the first or second half of a quarter respectively. The courses offered in the Mid-Spring Quarter are those of the last half of the Spring Quarter and the first half of the Summer Quarter. The number of hours of credit is always stated in term-hours. A term-hour is one class exercise a week, or its equivalent, for a period of twelve weeks.

A list of the courses offered follows. Those who are interested in a fuller description of the courses should write for the special bulletin for the Spring and Summer Quarters.

ELEMENTARY GROUP

1. INTRODUCTION TO EDUCATION.

- a. An elementary course designed to introduce students to the study of Education by scientific methods.
- b. The second half quarter is devoted to a general introduction to the problems of rural education.

Five hours. Quarters I, III, IV.

3. CHILD PSYCHOLOGY.

- a. A scientific study of the child.
- b. The second half includes a study of the child's physical make-up, his reflex acts, his instincts, his mental processes and methods of training these.

Five hours. Quarters III, IV (First half).

4. PRINCIPLES OF TEACHING.

- a. A general survey of the problems of classroom organization and control.
- b. A study of lesson planning, questioning and the general principles of the recitation.

Five hours. Quarters II, III² (4a), and IV.

5. PUBLIC SCHOOL SYSTEMS.

A course in the general problems of organization and administration of public schools in which the elementary school teacher is given a view of the working of the entire school system.

Two and one-half hours. Quarters III² and IV².

7. PSYCHOLOGY OF THE ELEMENTARY SCHOOL SUBJECTS.

The course includes a detailed discussion of the mental processes involved in the learning of each of the elementary school subjects: reading, arithmetic, handwriting, history, geography, etc. Text: Freeman, "Psychology of the Common Branches."

Two and one-half hours. Quarters III¹ and IV¹.

8. THE ORGANIZATION AND TECHNIQUE OF THE TEACHING OF THE ELEMENTARY SCHOOL SUBJECTS.

8A. English. Two hours. Quarter II. Two and one-half hours. Quarter III¹

8B. Reading. Two hours. Quarter I. Two and one-half hours. Quarter III².

8C. Arithmetic. Three hours. Quarter II. Two and one-half hours. Quarter IV².

8D. Geography, History and Civics. Three hours. Quarter II. Two and one-half hours. Quarter IV¹.

9. DIRECTED OBSERVATION AND SUPERVISED TEACHING.

A course in the practical application of educational principles, intended to equip the student-teacher, as nearly as possible, with a knowledge of the materials, methods and aims of actual school room conditions.

Students in the two-year course will take 9A or 9B in the first year and 9C or 9D in the second year.

Each course is five-hour credit.

9A. Observation and Supervised Teaching in the city schools.

9B. Observation and Supervised Teaching in the Rural School.

9C. Supervised Teaching in the City Schools.

9D. Supervised Teaching in the Rural School.

10. RURAL EDUCATION.

Consideration of social and economic problems in rural communities; adaption of schools to meet social and economic conditions of rural communities; organization and administration of rural schools; the rural school a social center; industrial activities in the school; needs in rural education; curricula; boys' and girls' agriculture clubs; recreation and play; training of teachers for rural schools; special methods; equipment of rural schools; extension service through the rural school; education for the home; and improving teachers in service.

ADVANCED COURSES

In general, courses of the elementary school group are open only to students in the first two years of their college course and advanced courses to students in their Junior and Senior years. Education 3, 4, 7 may be elected in a four-year course, but cannot be offered as substitute for required work. Education 1, 24, 25, 29, and 30 are required.

20. HISTORY OF MODERN EDUCATION.

Two and one-half hours. Quarter IV².

21. PUBLIC SCHOOL ADMINISTRATION.

Five hours.

22. HIGH SCHOOL ADMINISTRATION.

Two and one-half hours. Quarter IV.

23. CURRICULUM.

Five hours. Quarter I.

24. EDUCATIONAL PSYCHOLOGY.

Five hours. Quarter II.

25ab. EDUCATIONAL MEASUREMENTS AND TESTS.

Five hours. Quarters III, IV.

26. INDUSTRIAL EDUCATION.

This course deals with the place of industrial activities and industrial training in the various levels of instruction. Special study is made of (a) prevocational work in the Junior high school; (b) unit trade courses in the Senior high school; and (c) continuation, co-operative, apprentice, evening and factory schools.

29. THE ORGANIZATION AND TECHNIQUE OF THE TEACHING OF THE DIFFERENT HIGH SCHOOL SUBJECTS.

The different courses aim to give thorough acquaintance with the selecting, organization and presentation of the materials of instruction of such subjects.

Three hours.

29A. The Organization and Technique of the Teaching of Science in the Junior and Senior High School.

29B. The Organization and Technique of the teaching of Home Economics in the Junior and Senior High School.

29C. The Organization and Technique of the teaching of English in the Junior and Senior High School.

- 29D. The Organization and Technique of the teaching of Modern Languages in the Junior and Senior High School.
- 29E. The Organization and Technique of the teaching of History and the Social Sciences in the Junior and Senior High School.
- 29F. The Organization and Technique of the teaching of Mathematics in the Junior and Senior High School.
- 29G. The Organization and Technique of the teaching of Latin in the Junior and Senior High School. This is the course offered in the Department of Latin as Latin 9.

30. DIRECTED OBSERVATION AND SUPERVISED TEACHING.

This course is given with reference to a number of the different high school subjects. The course provides for one quarter of actual teaching. The details of the course will be announced later.

Five hours.

31. RESEARCH IN EDUCATIONAL PROBLEMS.

An advanced course open only to students in their Senior year or above who are making special investigations and have their problem fully outlined.

SCHEDULE OF EDUCATION COURSES

SPRING QUARTER		SUMMER QUARTER	
First Half	Second Half	First Half	Second Half
Education 3a	Education 3b	Education 3a	
Education 7	Education 5	Education 7	Education 5
Education 1a	Education 1b	Education 1a	Education 1b
	Education 4a	Education 4b	Education 4a
Education 9A	Education 9A	Education 9A	Education 9A
Education 25a	Education 25b	Education 25a	Education 25b
Education 8A	Education 8B	Education 8D	Education 8C
	Education 31	Education 22	Education 20
		Education 31	

SCHEDULE OF ACADEMIC COURSES

REQUIRED OF EDUCATION STUDENTS

SPRING QUARTER		SUMMER QUARTER	
First Half	Second Half	First Half	Second Half
Zoology 2a	Zoology 2b	Zoology 2a	Zoology 2b
	English 11Aa	English 11Aa	English 11Ab
	English 11Ac	English 11Ad	
History 3a	History 3b	History 3c	History 3d
Sociology 4a	Sociology 4b	Sociology 4a	Sociology 4b
		Sociology 2a	Sociology 2b
		Home Economics	Home Economics

For other academic courses offered during the spring and summer months see regular departmental statements.

Department of Engineering

In response to the demand in Evansville and southern Indiana for technically trained men, Evansville College opened in September, 1920, an Engineering Department. The work is organized on the co-operative part-time system. Under this system students are paired, one man of each pair attending classes for two weeks while the other works for wages with some co-operating firm. In this way, while the student is gaining a theoretical knowledge of engineering, he is getting practical experience under actual working conditions. Incidentally he is earning a considerable part of the money necessary to pay his expenses in college.

This work at Evansville College is under the direction of Professor Max B. Robinson, a graduate of the Engineering School of Cincinnati University and for eight years a member of the faculties of the University of Cincinnati and of the Municipal University of Akron.

The first year of operation is proving highly satisfactory. The city of Evansville is alive to the value of such a college in connection with the development of its industries. A survey of the resources of the city indicates that 200 technical students can be placed with co-operating firms.

A special bulletin has been prepared explaining fully the work of the Department and giving courses of study. Students interested should write for a copy of this bulletin.

CO-OPERATIVE WORK FOR NON-TECHNICAL STUDENTS

A new departure of importance, beginning September, 1921, is the extension of the co-operative plan to non-technical courses. By this arrangement, any student so desiring, may, regardless of the course he is taking, be placed on such outside employment as may be agreed upon between the student, the College, and the employer.

Suggested lines of work for both men and women include library work, office work, stenographic and clerical work, sales work, newspaper reporting, hospital work or nursing, secretarial work, teaching, field work of various kinds, factory work, drafting, farm or dairy work.

The purposes of such work are two-fold: first, to allow students to gain fundamental practical experience relating to some definitely chosen pursuit, at a time when it can be correlated to theory by college instructors; and second, to enable students of limited means to earn a substantial part of their total expenses.

The outside work will be taken either on the alternate bi-weekly basis, as that of Engineering students, or on the half-day basis. On the half-day basis, where the needs of the work so require, two students are paired and are jointly responsible for keeping one job filled throughout the working hours. One student works in the morning and attends college in the afternoon; the other student works in the afternoon and attends college in the morning. The two exchange hours of work and of study whenever their individual

groups of studies are completed, so as to give each student equal opportunity at both morning and afternoon courses.

This alternating arrangement will not be necessary in all cases, however, as many types of work will not require that the place be filled throughout the day. In such cases, it will often be possible for the student to work a stated number of hours each day, four hours for instance, at a time that will not interfere with attendance at regular classes.

A student working one-half the time will not be allowed to carry as much college work as a full time student. Not more than eight to twelve credit hours should be attempted. Assuming ten hours as the average schedule, it will require five years of four quarters each or six years of three quarters each for completion of the one hundred and eighty hours required for graduation.

All course schedules for academic students so employed must be arranged in consultation with the Dean of the College.

Special care will be taken in placing young women in part-time positions. Only those positions may be held by women, which have been approved by the Dean of Women.

Students interested in part-time work for the coming year should correspond with the Director of Co-operative Employment.

SPECIAL TWO-YEAR COURSE FOR TEACHERS OF INDUSTRIAL ARTS

The first year of the two-year special course for teachers of industrial arts is the first year of the regular engineering course and extends over a period of forty-eight weeks. Students who take this course will therefore spend half their time in actual shop work. The work of the second year is organized on the same plan as other special certificate courses (see page 39).

FIRST YEAR

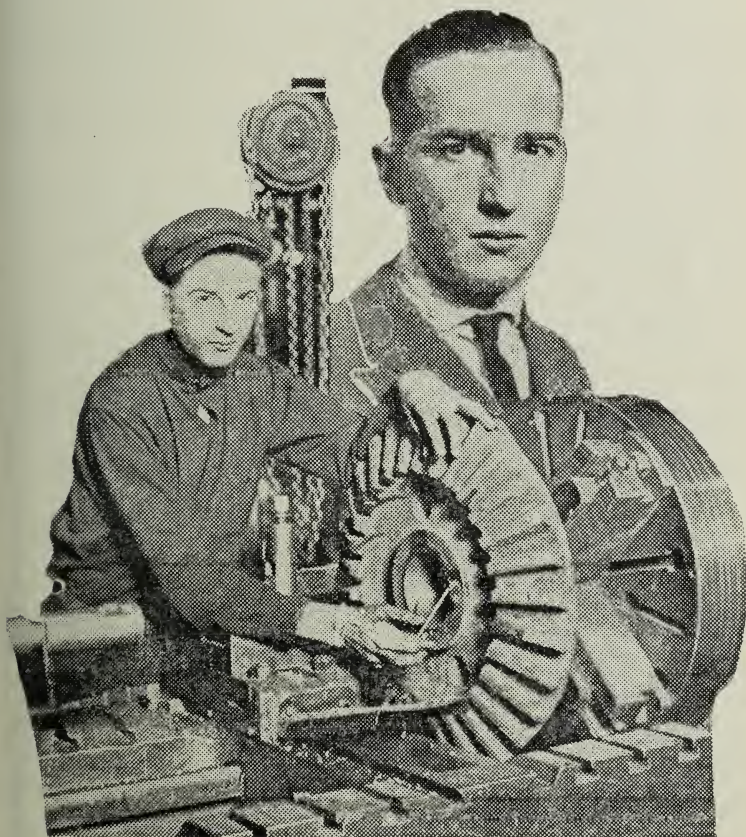
Courses	Q. 1	Q. 2	Q. 3	Q. 4
College Alg.....	5	5		5
Trig. and Anal. Geom.....			5	
Chemistry 1 or Physics.....	5	5	5	
Laboratory.....	3	3	3	
Coordination.....	1	1	1	1
Production Engineering.....	2	2	2	
Mechanical Drawing.....	4	4		
Machine Drawing.....			4	2
Graphic Status.....				2
Surveying.....				10

SECOND YEAR

Q. 1 Q. 2 Q. 3

Introduction to Education.....	5		
English, Oral and Written.....	5	5	5
Theory of Manual and Industrial Arts.....	5		
Child Psychology.....	5		
Special Methods in Industrial Arts.....	2		
Elective Industrial Arts.....	3		
Principles of Teaching.....			5
Observation and Supervised Teaching in Industrial Arts.....			5

Non-preparation work as in the two-year course for elementary teachers,
page 37.



ENGINEERING STUDENT AND MACHINE

Department of Music

Music has a most important contribution to make to the general atmosphere of a college. It is an invaluable supplement to the other forces at work in an institution that recognizes culture and refinement as essential elements in the type of education which it seeks to develop. On the other hand, the value of musical instruction is itself greatly enhanced when enriched by what a college has to add.

In the following respects Evansville College offers special advantages to those seeking musical training of the broadest type:

1. The members of the Faculty of the Department of Music are specialists, trained in their various departments by the best masters of Europe and America, and have had wide experience both as teachers and concert artists.

2. The Coliseum offers a concert hall second to none in the state. Here is situated the great Municipal Organ, upon which weekly recitals are given by a member of the Faculty. From time to time the world's greatest artists are heard here at a reduced cost to students.

3. Numerous student recitals are given through the year by the students of the department, thereby assuring a fair degree of confidence and poise of manner, so essential to successful public performance.

Briefly, the Department of Music of Evansville College is planned to afford a complete musical education. The student will find carefully prepared courses meeting all needs and well calculated to bring out the artistic as well as the practical ability of all who pursue studies in this department.

THE COURSES

Regular courses are offered in voice, piano, organ, violin, theory of music and public school music. In harmony with the belief that artistic results are dependent on close adaptation to the individual needs of the pupils and cannot be satisfactorily accomplished in classes, instruction in vocal and instrumental music is based on private lessons. Theoretical subjects, however, are taught in classes.

CLASSIFICATION OF STUDENTS

Each student entering the Department of Music is registered under one of the five following classifications:

1. REGULAR STUDENTS.

Candidates for the degree of Bachelor of Music. Such students must be at least sixteen years of age and graduates of a commissioned or certified high school. This course covers at least four years unless credit is given for advanced work done in other colleges or conservatories.

2. CERTIFICATE STUDENTS.

Not candidates for a degree or diploma. This class includes students who do not meet the prescribed entrance requirements but who have sufficient maturity and musical ability to carry the prescribed work of a regular course. A certificate will be given testifying to the completion of theoretical studies and to ability as a performer, but such certificates are not given for less than two years of work.

3. SPECIAL STUDENTS.

Those not wishing to take a regular course in music, or not intending to graduate. Students of this class select such branches of study as suit their taste and convenience. No examinations are required and the tuition is determined by the studies and the number of lessons taken.

4. PREPARATORY STUDENTS.

Beginners under sixteen years of age.

5. STUDENTS IN PUBLIC SCHOOL MUSIC.

This course covers a period of two years and is planned to equip graduates for the position of Supervisor of Music in the public schools. Candidates for a certificate must be graduates of a commissioned or certified high school.

VOICE

Reginald W. Billin, who has charge of instruction in voice, and is also Head of the Department of Music, comes to Evansville College with an international reputation. His training was secured under Sir Frederick Bridge at Westminster Abbey and Frank King Clark of Paris and Berlin. As a teacher he has had great experience, being an associate professor of voice at Syracuse University for six years, and previous to coming to Evansville College was head of the vocal department at Wesleyan College, Macon, Georgia, for five years.

Mr. Billin has appeared as a concert artist generally throughout this country.

PIANO

*Mrs. Donald French, of the piano department, has had the best training available in this country and abroad, having studied for three years in Berlin under Madame Stepanoff and Dr. Hermann Wetsel and for two years in Boston with Heinrich Gebhard. Mrs. French is a successful teacher and as a concert pianist is unexcelled.

ORGAN

James R. Gillette, Evansville's Municipal Organist, has charge of the course in organ. Mr. Gillette, by his many recitals in all parts of the country, has become recognized as one of America's leading concert organists. Students in this department will have the advantage of becoming acquainted with one of the great organs of the world—the 101 stop Coliseum instrument—and will hear the masterpieces of organ literature at the weekly recitals.

VIOLIN

Otto A. Puder, instructor in Violin, has had wide and varied experience both in the concert field and the studio and has already proven his ability as a very excellent teacher. Mr. Puder is a graduate of the Utica (New York) Conservatory of Music, later studying at the Cincinnati College of Music.

PUBLIC SCHOOL MUSIC

Students in this department will be under the direct supervision of Miss Ada Bicking, Supervisor of Music in the public school systems of Evansville. An unusual opportunity is presented in this department. Miss Bicking has won recognition for her splendid work wherever public school music is known. Actual experience in the schools of Evansville is one of the many attractive features.

*Resigned, April 1, 1921.

A SPECIAL TWO YEARS COURSE FOR MUSIC TEACHERS IN THE ELEMENTARY SCHOOLS

is offered in conjunction with the Department of Education. On the completion of this course a provisional certificate is granted valid for four years for teaching in the public elementary schools of the state without examination. On the completion of two years of successful teaching, within the life of the provisional certificate, the State Board of Education will grant to the teacher a life certificate to teach in the elementary schools of the state without examination.

Candidates for the special two-year provisional certificate in Music will be required to present the following credits:

	Hours
Voice.....	11
Piano.....	5
Theory.....	6
Harmony.....	6
History and Appreciation of Music.....	4
Sight Singing and Ear Training.....	9
English.....	15
Sociology.....	5
American History.....	5
Education (Courses 1, 3, 4, 9A, 8F).....	22
Sociology 1.....	3

Non-preparation work as in the two-year course for elementary teachers, page 37.

FEES AND EXPENSES

The college year is divided into four quarters and the tuition and other fees listed below are for one quarter unless otherwise stated.

MATRICULATION FEE

A matriculation fee of five dollars is charged Regular and Certificate Students if not previously registered in the College. This fee is paid but once and is not returnable.

REGISTRATION FEE

A registration fee of one dollar a quarter is charged students of the Special, Preparatory, or Public School Music class.

Students in Evansville College may pursue any of the theoretical courses in the department of music at no charge provided such students are registered in the College as taking a regular course leading to a degree. In turn, Regular and Certificate students in the Department of Music may pursue certain literary courses in the College at no additional expense to them.

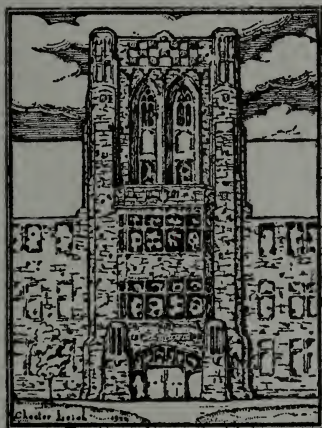
TUITION FEES

Regular and Certificate Students.....	\$50.00
Public School Music including all theoretical courses but not the study of Piano, Voice, Violin or Organ.....	20.00
Piano, Organ, Violin or Voice (Two lessons per week).....	35.00
Piano, Organ, Violin or Voice (One lesson per week).....	18.00
Sight-singing (Two lessons per week).....	10.00
Ear-training and Dictation and Rudiments of Music (One lesson per week).....	6.00
History of Music (One lesson per week).....	6.00
Theory of Music (Two lessons per week).....	12.00
Organ Practice, an hour.....	.50

Note. Beginning with the Fall Quarter of 1921 the tuition in the Regular and Certificate Courses will be raised to \$60.00 and private instruction in Piano, Organ, Violin and Voice will thereafter be \$50.00.

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Evansville College Bulletin



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Evansville College Bulletin

Volume IV

May 15, 1923

Number 7

ANNUAL CATALOG

1922-1923

ANNOUNCEMENT OF COURSES

1923-1924

Register of Students

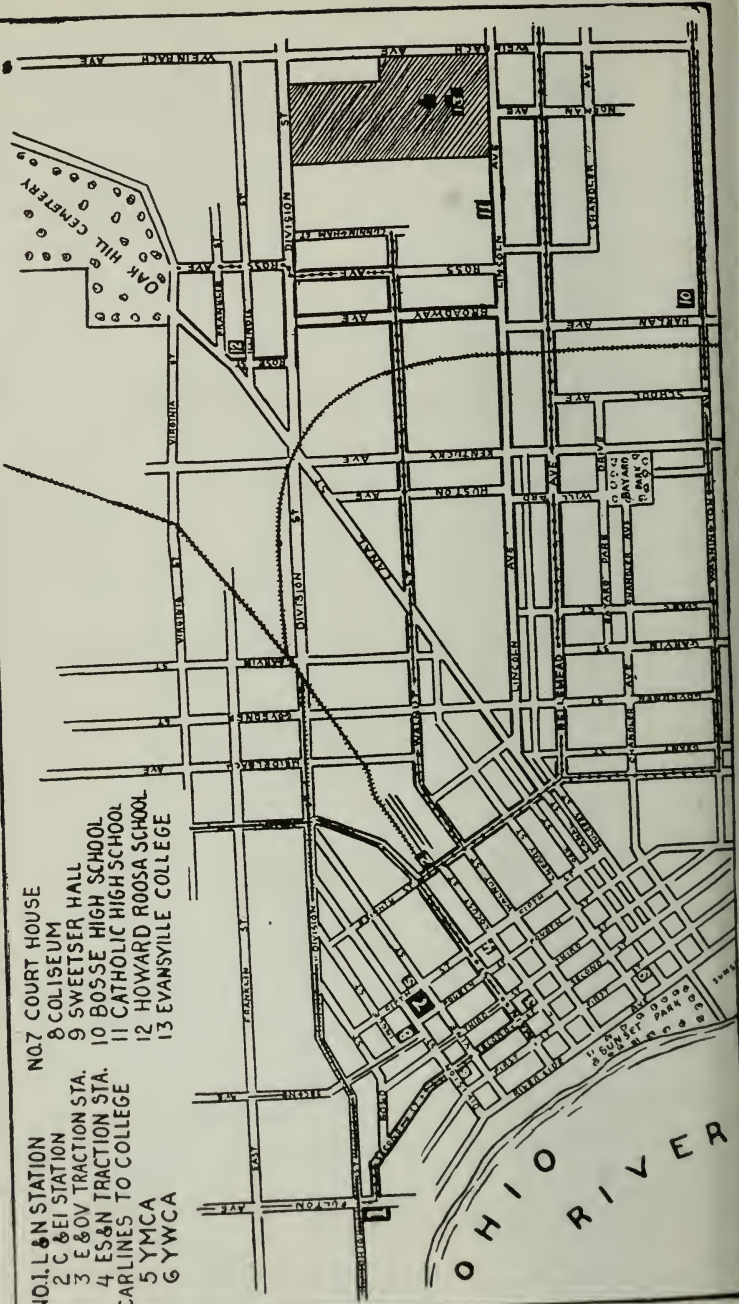
1921-1922

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- NO. 1 L & N STATION
 2 C & E I STATION
 3 E & O V TRACTION STA.
 4 E S & N TRACTION STA.
 5 YMCA
 6 YWCA
 NO. 7 COURT HOUSE
 8 COLISEUM
 9 SWEETSER HALL
 10 BOSSE HIGH SCHOOL
 11 CATHOLIC HIGH SCHOOL
 12 HOWARD ROOSA SCHOOL
 13 EVANSVILLE COLLEGE



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CALENDAR-1923

JANUARY.							JULY.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	1	2	3	4	5	6	1	2	3	4	5	6	7
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14	15	16	17	18	19	20	15	16	17	18	19	20	21
21	22	23	24	25	26	27	22	23	24	25	26	27	28
28	29	30	31	..	..	..	29	30	31	..	..	..	..

FEBRUARY.							AUGUST.						
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18	19	20	21	22	23	24	19	20	21	22	23	24	25
25	26	27	28	..	..	..	26	27	28	29	30	31	..

MARCH.							SEPTEMBER.						
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						30							

APRIL.							OCTOBER.						
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22	23	24	25	26	27	28	28	29	30	31	..	..	..
29	30	..	..	..	..	..	..	..	..	..	..	..	..

MAY.								NOVEMBER.								
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20	21	22	23	24	25	26	27	18	19	20	21	22	23	24	25	26
27	28	29	30	31	..	..	..	25	26	27	28	29	30	..	..	..

JUNE.							DECEMBER.						
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17	18	19	20	21	22	23	16	17	18	19	20	21	22
24	25	26	27	28	29	30	23	24	25	26	27	28	29
						30	30	31					

CALENDAR-1924

JANUARY.							JULY.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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13	14	15	16	17	18	19	13	14	15	16	17	18	19
20	21	22	23	24	25	26	20	21	22	23	24	25	26
27	28	29	30	31	..	..	27	28	29	30	31	..	..

FEBRUARY.								AUGUST.							
S	M	T	W	T	F	S		S	M	T	W	T	F	S	
3	4	5	6	7	8	9	2	9	3	4	5	6	7	8	2
10	11	12	13	14	15	16	10	11	12	13	14	15	16	17	10
17	18	19	20	21	22	23	17	18	19	20	21	22	23	24	17
24	25	26	27	28	29	30	24	25	26	27	28	29	30	31	24

MARCH.								SEPTEMBER.							
S	M	T	W	T	F	S		S	M	T	W	T	F	S	
..	3	4	5	6	7	8	1	..	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20	21	22
16	17	18	19	20	21	22	21	22	23	24	25	26	27	28	29
23	24	25	26	27	28	29	28	29	30	..	..	..	..	..	..
30	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..

APRIL.							OCTOBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	7	8	9	10	11	12	5	6	7	8	9	10	11
13	14	15	16	17	18	19	12	13	14	15	16	17	18
20	21	22	23	24	25	26	19	20	21	22	23	24	25
27	28	29	30	..	..	..	26	27	28	29	30	31	..

MAY.							NOVEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30	31	23	24	25	26	27	28	29
						30							

JUNE.							DECEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	..	1	2	3	4	5	6
8	9	10	11	12	13	14	7	8	9	10	11	12	13
15	16	17	18	19	20	21	14	15	16	17	18	19	20
22	23	24	25	26	27	28	21	22	23	24	25	26	27
29	30	..	..	..	..	28	28	29	30	31	..	..	..

COLLEGE CALENDAR

1923

Sept. 25—Tuesday.....Registration for the Autumn quarter
Sept. 26—Wednesday.....Class work begins
Nov. 29-Dec. 1.....Thanksgiving recess
Dec. 14—Friday.....Autumn quarter ends
Dec. 15—Saturday.....Holiday vacation begins

1924

Jan. 1—Tuesday.....Holiday vacation ends
Jan. 2—Wednesday.....Registration for the Winter quarter
Jan. 3—Thursday.....Class work begins
Feb. 8—Thursday.....Day of Prayer for Colleges
Feb. 19—Tuesday.....Semi-Annual Meeting Board of Trustees.
Mar. 21—Friday.....Winter quarter ends
Mar. 22—Mar. 30 Spring Vacation
Mar. 31—Monday.....Registration for the Spring quarter
Apr. 1—Tuesday.....Class work begins
June 17—Tuesday.....Annual Meeting Board of Trustees
Commencement
Spring quarter ends
June 18—Wednesday.....Registration for the Summer quarter
June 19—Thursday.....Class work begins
Aug. 23—Saturday.....Summer quarter ends

COLLEGE CALENDAR FOR COOPERATIVE HALF-TIME STUDENTS

1923

SUMMER QUARTER

Spring quarter ends.....	June 23, Saturday
Registration	Section one.....June 25, Monday, 8:00 A. M.
	Section two.....July 9, Monday, 8:00 A. M.
	Classes begin 1:00 P. M. on same days.
Summer quarter ends.....	Aug. 18, Saturday
Industrial Employment continues except for vacation periods stated below.	
Vacation Periods	Section one.....Sept. 6-24, inclusive
	Section two.....Aug. 20-Sept. 5, inclusive

AUTUMN QUARTER

Registration	Section one.....Sept. 25, Tuesday
	Section two.....Oct. 8, Monday
Class work begins.....	On day following registration.
Cooperative Employ- Section one.....	Oct. 8, Monday
ment of new students. Section two.....	Oct. 22, Monday
(except where individual arrangements may be made previous to registration.)	
Thanksgiving Recess	Section one only.....Nov. 29-Dec. 1, inclusive
Autumn quarter ends.....	Dec. 15, Saturday
Holiday vacation	Section two.....Dec. 17-24, inclusive
	Section one.....Dec. 25-Jan. 1, inclusive

1924

WINTER QUARTER

Registration	Section one.....Jan. 2, Wednesday
	Section two.....Jan. 14, Monday
Class work begins.....	On day following registration.
Winter quarter ends.....	Mar. 22, Saturday
Spring vacation	Section one.....Mar. 27-29, inclusive
	Section two.....Mar. 24-26, inclusive

SPRING QUARTER

Registration	Section one.....Mar. 31, Monday
	Section two.....Apr. 14, Monday
Class work begins.....	On day following registration.
Spring Quarter ends.....	June 21, Saturday

SUMMER QUARTER

Registration	Section one.....June 23, Monday 8:00 A. M.
	Section two.....July 7, Monday 8:00 A. M.
	Classes begin 1:00 P. M. on same days.
Summer Quarter ends.....	Aug. 16, Saturday
Vacation Periods.....	Section one.....Sept. 4-20, inclusive
	Section two.....Aug. 18-Sept. 3, inclusive

CORRESPONDENCE

Correspondence on any matter pertaining to the College, directed to Alfred F. Hughes, President of the College, will receive prompt attention.

Requests for specific information in regard to admission, courses of study, students' ranks and standing should be directed to Charles E. Torbet, Dean of the College.

Requests for catalogs and other publications may be directed simply to Evansville College. Such requests will be referred to the proper official.

ENTRANCE CERTIFICATES

Prospective students should write to the Dean of the College for an entrance certificate. This should be filled out by high school principal and returned not later than two weeks before the opening of the quarter at which the student expects to enter. Students entering from other colleges should send in a certified statement of their credits together with a letter of honorable dismissal from the institution where they have been in attendance.

REGISTRATION

Registration takes place on the days appointed for this purpose, (See Calendar, page 7) at Administration Hall. Students should take a Bellemeade car and get off at Norman Avenue. (See map, page 2.) The necessary directions for registration will be given students.

OUT-OF-TOWN STUDENTS

Out-of-town students should plan to arrive at Evansville the day preceding registration day, so that they may make final arrangements for room and board. On arrival, women should go to Sweetser Hall, 709 Upper First street. Men should report at Administration Hall, unless they have engaged rooms in advance. Attention is called to directions to women who expect to live at Sweetser Hall as given on page 21 of this catalog. Students are permitted to room outside the college halls only in places approved by the college authorities.

BOARD OF TRUSTEES

Ex-Officio Alfred F. Hughes, D. D.....President of the College

TERM EXPIRES 1923

Rev. L. C. Bentley, D. D.....	Anderson
Wilbur Erskine	Evansville
Rev. E. A. Robertson, D. D.....	Indianapolis
G. S. Tarbox.....	Arcola, Ill.
Richard Rosencranz	Evansville
Benjamin F. Adams.....	Bedford
W. H. McCurdy.....	Evansville
Silas Ichenhauser	Evansville
Herdie Clements.....	Mt. Vernon
Allen D. Albert.....	Paris, Ill.
Samuel L. Orr.....	Evansville
Henry C. Kleymeyer.....	Evansville

TERM EXPIRES 1924

Bishop Wm. F. Anderson.....	Cincinnati, O.
Walton M. Wheeler.....	Evansville
Rev. George H. Murphy.....	Columbus
S. J. Copeland, M. D.....	Indianapolis
George S. Clifford.....	Evansville
Rev. W. N. Dresel.....	Evansville
Samuel L. May.....	Evansville
Jacob V. Stimson.....	Huntingburg
George S. Waters.....	Poseyville

TERM EXPIRES 1925

Bishop Frederick D. Leete.....	Indianapolis
Rev. Alfred E. Craig, D. D.....	Evansville
Rev. John W. Hancher, D. D.....	New York
E. V. Hawkins.....	Connersville
Rev. John S. Ward, D. D.....	Evansville
Rev. John C. White, D. D.....	Gary
John J. Nolan.....	Evansville
Francis Joseph Reitz.....	Evansville
Charles E. Ford.....	New Harmony
John L. Igleheart.....	Evansville
Rev. John M. Walker, D. D.....	Rushville
Daniel Wertz	Evansville

OFFICERS OF BOARD OF TRUSTEES

BISHOP FREDERICK D. LEETE, Ph. D., D. D., LL. D.
President

ALFRED E. CRAIG, Ph. D., D. D., LL. D.
Vice-President

RICHARD ROSENCRANZ
Secretary

WILBUR ERSKINE
Treasurer

F. R. WILSON
Endowment Treasurer

OFFICERS OF ADMINISTRATION

ALFRED F. HUGHES, S. T. B., D. D.
President

CHARLES E. TORBET, A. M.
Dean of the College and Registrar

MRS. LUCY J. FRANKLIN, A. M.
Dean of Women

EDWARD ROWLANDS, A. B.
Executive Secretary

SHERMAN POWELL, A. B., B. D.
VIRGIL THOMPSON, B. S.
Financial Secretaries

GEORGE B. FRANKLIN, PH. D.
Librarian

*JOHANNA KLINGHOLZ, A. B.
Assistant Librarian

* Resigned June, 1923. Miss Sarah M. Findley, B. S., has been elected to the position of librarian, her work to begin in September.

FACULTY

1922-1923

ALFRED FRANKLIN HUGHES, S. T. B., D. D.

President of the College

HENRY JEWELL BASSETT, PH. D.

Professor of Latin and Greek

Secretary of the Faculty

ANDREW JOHNSON BIGNEY, A. M., SC. D.

Professor of Zoology

ALFRED B. COPE, A. M.

Professor of Education

GEORGE BRUCE FRANKLIN, PH. D.

Professor of English

MRS. LUCY JENKINS FRANKLIN, A. M.

Professor of Oral English

HERBERT L. HEIDECKER

Professor of Music

OLAF HOVDA, PH. D.

Professor of Physics and Acting Head

Department of Mathematics

WALDO F. MITCHELL, Ph. D.

Professor of Economics and Business Administration

MAX BREWSTER ROBINSON, M. E.

Professor of Mechanical Engineering

MARTIN W. STORN, PH. D.

Professor of Spanish

ALVIN STRICKLER, PH. D.

Professor of Chemistry

CHARLES EDGAR TORBET, A. M.

Professor of History

CHARLES G. VANNEST, A. M.

Professor of History

THOMAS ALFRED WILLIAMS, A. M., S. T. B.

Professor of English Bible and

Religious Education

MARY LOIS RAYMOND, A. M.

Associate Professor of Romance Languages

*WALTER ABRAM TERPENNING, A. B.

Associate Professor of Sociology

*On leave of absence, 1922-'23.

WAHNITA DELONG, A. M.
Assistant Professor of English

JESSIE LUCY DUBOC, A. M.
Assistant Professor of Elementary Education

*HOMER L. HUMKE, A. M.
Assistant Professor of Education

DOROTHY IWIG, B. S.
Assistant Professor of Home Economics

R. E. ROBB, A. B., B. C. E.
Assistant Professor of Engineering

LOUIS P. BENEZET, A. M.
Lecturer on Public School Systems

FAYE BENNETT, A. M.
Instructor in Education
(Summer Quarter)

ADA BICKING
Instructor in Public School Music

ROSS BROOKS, A. B.
Instructor in Education
(Summer Quarter)

LIDA EDWARDS
Instructor in Nature Study and Handwork

MARGUERITE FEY
Instructor in Plays and Games

MRS. DONALD FRENCH
Instructor in Piano

JAMES ROBERT GILLETTE
Instructor in Organ and Theory of Music

*JOHN M. HARMON, A. B.
Physical Director for Men

MRS. LILLIAN ELLERBUSH HEIDECKER
Instructor in Voice

CHARLES O. HOLTON
Physical Director for Men

*Under appointment for 1923-1924

CORNELIA KOCH
Instructor in Penmanship

NELLE MERRILL
HALLIE HENN
Instructors in Drawing

VIRA MERRYMAN, B. L.
Physical Director for Women

WILLIAM F. VOGEL, A. M.
Instructor in Education
(Summer Quarter)

CRITIC TEACHERS

Central High School

PAUL BALDWIN, A. B., Mathematics

EDITH U. GILL, A. B., English

ENA LONG, A. B., Latin

EMMA B. PAGE, Home Economics

RAYMOND J. REECE, A. B., History

Howard Roosa School

ROSS BROOKS, A. B.
Critic Supervisor

Louise Atkin
Anna Brandley

Adelia McClerney
Betty Saunders

E. Grace Burba
Katherine Huebsch

Hebron School

Emma Balls

Florence Lutz

STANDING COMMITTEES OF THE FACULTY

Admission and Registration—Torbet, Bassett, Bigney, Cope, G. B. Franklin, L. J. Franklin, Hovda, Robinson, Rowlands.

Athletics—Torbet, L. J. Franklin, Hovda, Robinson, Holton, Merryman.

Chapel Absences—Torbet, L. J. Franklin, Hovda.

Commencement Exercises—Bigney, Bassett, Heidecker, Iwig, Storn, Strickler.

Community and Extension Courses—Hughes, Cope, Duboc, G. B. Franklin, Torbet, Vannest, Williams.

Curriculum—Torbet, Bigney, Cope, G. B. Franklin, Mitchell, Robinson.

Debate and Oratory—Hughes, Bassett, Duboc, L. J. Franklin, Williams.

Faculty Social Affairs—Strickler, Heidecker, Klingholz, Raymond, Vannest.

Library—G. B. Franklin, DeLong, Klingholz, Iwig, Mitchell.

Recommendations—Cope, Duboc, Robinson, Torbet.

Religious Activities—Williams, Bassett, Bigney, Hughes.

Student Publications—G. B. Franklin, Bassett, Hovda, Raymond, Robb, Rowlands.

Student Organizations and Social Events—Hughes, L. J. Franklin, Torbet.

Student Welfare—Hovda, Bigney, DeLong, L. J. Franklin, Robb.

EVANSVILLE COLLEGE

ORGANIZATION

Evansville College is organized under a charter granted February 17, 1919, by the legislature of the State of Indiana, as successor of Moores Hill College founded in 1856 at Moores Hill, Indiana. The College is thoroly Christian in its spirit, but under the terms of the charter the profession of any particular faith may not be required of students.

LOCATION

Evansville College is located at Evansville, in the southwestern part of Indiana. This city is surrounded by a rich agricultural region and is the natural manufacturing and distributing center of the lower Ohio Valley. By seven railroads and five traction lines, the city is easily reached from all parts of the surrounding territory.

DEPARTMENTS OF INSTRUCTION

Evansville College maintains a College of Liberal Arts with closely articulated departments of Education, Engineering, Business Administration, Religious Education and Music. It is the policy of the College to employ instructors who in training and character are the equals of those in the best institutions of higher learning. Without departing from the well established standards of the past, it seeks constantly to relate its work to the needs of the present. The response to this program on the part of the public has been most generous. During the first year the College enrolled 303 students. The enrollment for the second year reached 443, for the third 515. Educators of distinction have endorsed the program of the College, and the credits of every department are accepted by the best colleges and universities.

BUILDINGS AND EQUIPMENT

Class room work is done in Administration Hall, a beautiful new building of Bedford limestone, said by many authorities to be the equal of any college building in America in point of architectural beauty, completeness, and utility. This building contains an auditorium seating 600, administration offices, professors' studies, laboratories, seminar rooms, library reading room, stack room, women's rest room, and numerous class rooms. All equipment is new and modern in every respect. Students in this building, are afforded facilities equal to those offered anywhere.

In addition to Administration Hall, there have been erected a central heating plant and a gymnasium. With a playing floor of 96 x 60 feet and a seating capacity for 1,000 spectators this is the most commodious gymnasium to be found in southern Indiana, and makes possible a varied program of indoor sports.

Sweetser Hall

For the present, the College will continue to use Sweetser Hall as a home for young women. Located on Upper First street,

it is in one of the most desirable residence districts to be found in the city. Provision has been made for transportation to the College campus.

This house is one of the fine old mansions of Evansville and in point of comfort is not excelled by many of the more modern dormitories. The students occupy one side of the house. Dr. Franklin, the head of the department of English, and Mrs. Franklin, Dean of Women, make their home in the other part of the house.

Sweetser Hall is under student government in all things outside of academic requirements. The executive body is the house committee which consists of a house president, house vice-president, corridor chairmen, song and yell leader and fire captain.

Libraries

In addition to the library of the College, with its delightful reading room and new equipment, the students have access to the libraries of Evansville. The various branches of the city system make books accessible to students in all parts of the city. Books from the city are delivered at the college reading room as at the regular city branches. By arrangement between the College and the Public Library Board, a member of the city staff gives her entire time to the supervision of the college library.

In addition to the Public Library the city also has a fine asset in the Willard Library—a fine old institution, richly endowed and having on its shelves a great wealth of valuable material for the student of history, literature, philosophy and fine arts.

Museum

The museum contains a good working collection of specimens. Geology is represented by the numerous corals, echinoderms, brachiopods, bryozoa, lamellibranchs, gasteropods, cephalopods, trilobites and the leading minerals and rocks from many parts of the United States.

The collection contains mounted birds, also a goodly number of bird skins, mounted mammals and hundreds of specimens in preservatives adapted to the needs in botany, zoology, histology and physiology.

The collection has been accumulating for sixty years. Friends have made donations from year to year which are very useful and are greatly appreciated. The College solicits specimens and collections from friends. The College can be made a depository for such material, and thus it can be made of highest usefulness. Dr. A. J. Bigney is curator.

STUDENT ACTIVITIES

Students in Evansville College have peculiar advantages as regards student life. There is here all the enthusiasm of new organizations, mingled with the traditions of sixty years of history. Such organizations as minister most directly and with most value to the development of the student have been successfully inaugurated. These are the Young Men's Christian Association, the Young Women's Christian Association, the Student Volunteer Band, four literary societies—

two for men and two for women—and an athletic organization. Several clubs have also been formed in connection with the various educational departments.

Other activities will be entered upon as need for them may develop. Only those organizations, however, will be encouraged which are likely to make a positive contribution to the mental, moral or social life of the student. Students who seek only a good time, and who mistake the social activities of the campus for the serious business of hard study and the mental discipline acquired by the mastery of their studies, are not desired in Evansville College.

Student Government

The students of the College are organized into a Student Government Association. It is the purpose of this association to develop self-control on the part of its members, to promote loyalty to the College, and in particular to have charge of all matters concerning the conduct of students in their college life, except such as are withheld from the jurisdiction of the association by the terms of the "Agreement" entered into between the students and the faculty. It is the aim of this agreement to give the students real self government.

Acting under the provisions of the constitution the association has adopted the honor system in examinations, organized an Athletic Board for the management of athletics, and provided for the administration of the hospital fund thru a Board of Control.

All undergraduate students of the College are members of the association and subject to the operation of the constitution. The Executive Board of the association is charged with the duty of presenting the plan of the organization and the ideals of the association to all new students, during the first eight weeks of each quarter. At the close of this period each new student is required to indicate his acceptance of the duties and obligations of membership in the association. No person may continue as a student who refuses to be bound by the agreement and constitution and by legislation duly enacted thereunder.

ATHLETICS

Thus far the College has given attention to three forms of athletics only—basketball, baseball and track. Commendable progress has been made in the games undertaken. By action of the Board of Trustees, the athletic program for 1923-4 will include football. Mr. John M. Harmon, for several years director of athletics at Central Wesleyan College, has been elected athletic director at Evansville College and will begin work with the opening of the Summer quarter. Mr. Harmon has had experience both as a player and a coach, in all the major games. He has a fine appreciation of the importance of physical development and brings to his work at Evansville College a high type of enthusiasm for clean sport.

The College will continue its policy of providing for the physical development of every student. Mr. Harmon will have charge of the department of Physical Education. Classes will be offered for instruction in the management and technique of the major sports. Attention will be given to the removal of physical defects and the forma-

tion of habits of exercise that will be of value to the student throughout life. Both students and faculty will be encouraged to participate in the wholesome rivalries of class, society and group games of every sort.

HEALTH

The health of the students is cared for not only by systematic physical training, but by careful medical attention. Arrangements have been made with the medical fraternity of Evansville whereby each student undergoes a thoro physical examination by competent physicians at least once a year. Many students by this method have been made acquainted with physical defects, and by proper attention these defects in many instances have been remedied. Each student pays a quarterly fee of \$1.00 thus providing a hospital fund by which means emergency cases of illness are cared for.

A faculty committee on student welfare has in charge all matters pertaining to the health of students and also rooming conditions. *Students are permitted to room only in houses approved by this Committee.*

SCHOLARSHIPS

Altho the College has not yet available a large number of scholarships, a beginning has been made toward helping worthy young people by this method. Several students have been named by the donors as the beneficiaries of scholarship funds created during the campaign to establish a college at Evansville. There will be an increasing number of these scholarships as the notes mature.

Worthy of first mention in this connection is the scholarship consisting of the interest on \$1,000.00 established by President Alfred F. Hughes as a memorial to a son who died in infancy. The scholarship is known as the Alfred Elroy Hughes scholarship.

Other patrons of the College who have established scholarships by the payment in full of pledges made for this purpose are:

Sarah E. Bozeman.....	Income from	\$1,000.00
Charles and Mary Wiley Ford.....	" "	1,000.00
Helen and Morris Ford.....	" "	1,000.00
Anna E. Ford.....	" "	1,000.00
Jennie A. Headen.....	" "	1,000.00
Charles C. Kincaid.....	" "	1,000.00
W. B. and Julia Kumler.....	" "	1,000.00
Paul and Amanta Maier.....	" "	1,000.00
J. L. Morris.....	" "	1,000.00
Milroy Epworth League.....	" "	100.00
Mary B. Nichols.....	" "	1,250.00
Alfred Pritchett	" "	1,000.00
Minnie J. Teel.....	" "	1,000.00
Mr. and Mrs. A. Templeton.....	" "	1,000.00

LOAN FUNDS

In addition to the above scholarships a fund of \$5000 from the Nelson Groendyke estate has been paid to the College upon condition that the proceeds be used in assisting worthy students from the Indiana Conference who are preparing for the Christian ministry. This money is to be used only in cases of extreme emergency.

A loan foundation of \$1,000 each year has been established by Mr. Arthur Sapp of Huntington, Ind. The above amount will be available for loans during 1923-1924.

Loans for a limited amount may be obtained by members of the Methodist Episcopal Church from the Board of Education. Applicants must have the recommendation of the church to which they belong, as well as of the faculty committee on student loans. Students expecting to borrow from this fund should write to the President of the College before enrolling, for blanks to be filled out by their local church officials.

PRIZES

Dr. Samuel J. Copeland of the class of 1900 has provided a fund of \$1,000.00, the income from which is to be "disposed of annually in the form of a prize or prizes, to be given students of Evansville College under regulations prescribed by the faculty of the College, for the promotion of interest in classical education". The prize is known as the James Terrill Copeland Prize. The winners of this prize for last year were Miss Jane Wright in Greek and Miss Lois Mueller in Latin. Mr. A. M. Brown and Miss Irma Franke were given second place.

Bishop William F. Anderson has also established an annual prize in oratory in honor of his son who died in infancy. This prize amounts to \$25.00 to be given to the winner of an oratorical contest in connection with the commencement exercises each year. It is known as the Paul Charles Anderson Prize. The winners of this prize last year were Miss Esther Pyle and Mr. Henry Simpson.

SELF HELP

Evansville offers many opportunities for students to earn money to help pay college expenses. During the past year students have waited upon tables, served as janitors, done desk work at the Young Men's Christian Association, and in many other ways added to their income.

In order to get the best results for both student and employer the College has made provision for the extension of the co-operative plan to non-technical courses. By this arrangement, any student so desiring may, regardless of the course he is taking, be placed on such outside employment as may be agreed between the student, the College and the employer.

Suggested lines of work for both men and women include library work, office work, stenographic and clerical work, sales work, newspaper reporting, hospital work or nursing, secretarial work, teaching, field work of various kinds, factory work, drafting, farm or dairy work.

The purposes of such work are two-fold: first, to allow students to gain fundamental practical experience relating to some definitely chosen pursuit, at a time when it can be correlated to theory by college instructors; and second, to enable students of limited means to earn a substantial part of their total expenses.

The outside work will be taken either on the alternate bi-weekly basis, as that of Engineering students, or on the half-day basis. On the half-day basis, where the needs of the work so require, two students are paired and are jointly responsible for keeping one job filled thruout the working hours. One student works in the morn-

ing and attends college in the afternoon; the other student works in the afternoon and attends college in the morning. The two exchange hours of work and of study whenever their individual groups of studies are completed, so as to give each student equal opportunity at both morning and afternoon courses.

This alternating arrangement will not be necessary in all cases, however, as many types of work will not require that the place be filled thruout the day. In such cases, it will often be possible for the student to work a stated number of hours each day, four hours for instance, at a time that will not interfere with attendance at regular classes.

Students who find it necessary to give considerable time to earning their way will not be permitted to carry full work in college classes. All factors entering into a given case will receive consideration, but students may not plead the necessities of making their way as an excuse for indifferent work in their classes.

A student working one-half the time will not be allowed to carry as much college work as a full time student. Not more than eight to twelve credit hours should be attempted. Assuming ten hours as the average schedule, it will require five years of four quarters each or six years of three quarters each for completion of the 180 hours required for graduation.

All course schedules for academic students so employed must be arranged in consultation with the Dean of the College.

Special care will be taken in placing young women in part-time positions. Only those positions may be held by women, which have been approved by the Dean of Women.

Students interested in part-time work should correspond with the Director of Co-operative Employment.

BOARD AND ROOMS

Room and board in Sweetser Hall are furnished at \$5.25 to \$5.75 per week. A discount of 25 cents per week will be allowed if bill is paid when due. One-half the board and room for the quarter is due enrollment day and the second half at the mid-quarter. The above price does not include cost of noon lunch on school days, which students get at the cafeteria on the campus.

Sweetser Hall will accommodate about thirty students. Students are expected to bring the following articles: Sheets, pillows, pillow-cases, bed clothing, towels, and wash cloths.

Applications for accommodations in Sweetser Hall should be made as early as possible. A retaining fee of \$5.00 should accompany the application. This fee should be made payable to the Executive Secretary of the College. Should the student decide not to enter, the fee will be returned if notice is received by the Executive Secretary by September 1st. After that date the fee is not returnable. Upon enrollment this sum of \$5.00 will be transferred to a breakage fund, from which will be paid costs of any damage done to building or furniture by student. Should there be no damage, the entire amount will be returned to the student at the close of the college year.

If Sweetser Hall should be inadequate for the accommodation of young women from out of town, the authorities of the College will make arrangements elsewhere. *Young women will be permitted to room only where such arrangements have been previously made by the College.*

Young men will be permitted to room only in homes, which after investigation are found to be suitable. Good rooms are available in the better residence sections of the city at a cost to each of two students of from \$1.00 to \$2.50 per week. A list of approved places will be kept on file at the college office. *Students may not change their rooming places without securing in advance the consent of the College authorities.*

TUITION AND FEES

The following charges for tuition and fees are payable at the time of registration:

Tuition, per quarter, Autumn, Winter and Spring quarters	\$45.00
Tuition, Summer quarter.....	35.00
Tuition, per quarter, for half-time students in Engineering, including supervision of outside employment	37.50
Tuition, students in Engineering, Summer quarter	25.00
Laboratory Fees:	
Chemistry, per quarter.....	4.00
Zoology, per quarter.....	3.00
Physics, per quarter.....	3.00
Laboratory Fees for students in Engineering:	
Materials Testing, per quarter.....	2.50
Surveying (all field courses), per quarter..	2.50
Cement, per quarter.....	2.50
Electrical Laboratory, per quarter.....	2.50
Drafting Room, use of locker, per quarter..	.25
Home Economics:	
Cooking, per quarter.....	5.00
Sewing, per quarter.....	3.00
Gymnasium, per quarter.....	3.00
Non-preparation work in music, drawing or penmanship, a credit hour, per quarter.....	1.00
Library, per quarter.....	1.00
Student Fund, per quarter.....	4.80
Special Examinations	1.00
Diploma Fee	5.00

A fee of \$1.00 is charged for registration on other than the days appointed for this purpose.

Students who register for more than sixteen hours of work will be charged \$2.00 per quarter for each additional hour.

Students who register for twelve, or fewer, hours will be charged \$3.25 per credit hour, except that there will be no tuition charge of less than \$5.00.

Students who register for six weeks will pay a regular tuition charge of \$25.00 and one-half the regular fees. If the student re-enrolls for an additional six weeks at the close of any period of six or twelve weeks, he will pay a regular tuition charge of \$20.00, an enrollment fee of \$1.00 and one-half the regular fees.

Children of ministers of the Gospel will be allowed a reduction of \$20.00 per quarter when enrolled for fifteen hours of work or more.

In case the student is compelled to withdraw before the middle of the quarter on account of illness, or for other imperative reason, \$5.00 of the fees paid are retained as an enrollment fee and \$4.00 per week for the period of attendance. After the middle of the quarter no refund will be made.

The gymnasium fee includes charge for locker and price of one towel per quarter. Students are required to pay for breakage in laboratories or gymnasium.

The Student Fund is applied as follows: \$1.00 to the Hospital Fund, 50 cents to the subscription for The Crescent, 40 cents for Student Government Association dues, 50 cents for the support of inter-collegiate debate and oratory, 40 cents for examination and test paper, and \$2.00 for the support of athletics. For students enrolling for fewer than ten recitation hours per week no fee is charged for the Student Fund, except for test paper. All persons paying the Student Fee are entitled to tickets admitting them to all debating and oratorical contests, and to all intercollegiate athletic contests. The Student Fund fee for the Summer quarter will be announced in Summer quarter bulletin.

No student is entitled to honorable dismissal, transcript of credits or diploma until all bills are paid. Grades will not be recorded until all signed obligations to student organizations have been met.

For fees for engineering students other than laboratory fees, see page 70.

COLLEGE OF LIBERAL ARTS

TERMS OF ADMISSION

Evansville College desires as students only those young people whose school record and character are such as to indicate that they will profit by a college course. As evidence of fitness in these respects all candidates for admission are required to present certificates from the principals of their secondary schools. The certificates call for careful statements of principals as to habits, interests and purposes of the student as manifested thruout his high school years, as well as for a record of his grades and his relative standing in his class.

All applicants for admission by certificate should write to the Registrar for an official entrance blank. This should be filled out by the Principal of the school and mailed to the College at least two weeks before the opening. It is urged that the official blank of the College be used and not that of the school. No enrollment will be regarded as completed until satisfactory certificate is filed.

The College is more interested in the grade of work done by the student than in the particular courses pursued in the high school. For those who expect to take a regular college course, the completion of the secondary school course of four years is a minimum requirement for admission without condition. Graduates of schools accredited by state boards of education, by standard colleges, or by the North Central Association of Colleges and Secondary Schools should be able to furnish satisfactory certificates.

In general, the terms of admission to the freshman class are those recommended by the State Board of Education of Indiana for graduation from a commissioned high school.

Graduates of a certified high school must take additional work before they can be admitted to full freshman standing. Deficiencies may be removed: (1) by graduation from a commissioned high school; (2) by passing the equivalency examination, as set by the State Board of Education; (3) in the case of teachers by "charging back" an equivalent number of credits from work done in teachers' training courses. In no case, however, may substitution be made for the prescribed entrance requirements.

Specific Requirements

The course as outlined by the State Board of Education for commissioned high schools consists of work for four years of at least eight months each. A year's work of daily recitations in one subject is the unit of measurement. Sixteen units are required for entrance to the College of Liberal Arts. Students coming from high schools where a course of not less than nine months is maintained may be admitted on the presentation of fifteen units.

Eleven units are prescribed and five elective, as follows:

A. Prescribed—

1. English, 3 units. English composition and American and English literature.
2. Mathematics, 2 units. Algebra and plane geometry.

3. Foreign Language, 2 units in one language. Latin, Greek, German, French and Spanish.
4. History, 1 unit.
5. Science, 1 unit in one science. Botany, chemistry, physics, geology or zoology, general science, physiology.
6. Two additional units selected from the above subjects.

B. Elective—5 units.

The course in science presented to meet the requirements in that group must have been done with adequate laboratory facilities.

The elective credits may be from any subjects taught in the high school but it is strongly recommended that students who are preparing for college take the greater part of their credits from the prescribed subjects.

College credit may be given for advanced work done in a commissioned high school after graduation from the four years' course. As a rule no advanced credit for undergraduate work will be given, even if extra credit has been made. No college credit will be given for work done in high school until the student has done at least one quarter of college work and demonstrated his ability to do high grade work.

Candidates not presenting approved certificates may be admitted on examination. Such candidates will be required to pass on the same requirements as those admitted by certificate.

Specific requirements for entrance to the departments of Business Administration, Education and Engineering are given in connection with the outline of the work of these departments. For the special course in religious education, see page 95.

Advanced Standing

Students who come from other institutions of college grade should present letters of honorable dismissal from those institutions. They should also present full credentials for their educational work, both high school and college. These credentials should state the time the student was in attendance at other institutions, the subjects studied, the number of recitations per week and the grades received. The amount of credit granted will depend upon the standing of the institution in which the work was done and the grade of work done by the student as indicated by his grades. In no case may a student receive more than 135 hours of advanced standing toward the bachelor's degree.

All candidates for the bachelor of arts degree, irrespective of the time spent in residence, must satisfy, (1) the entrance requirements of the College and (2) the requirements for graduation from the course selected. They must complete at least forty-five hours in residence. In the case of students who spend only one year in residence this must be the last forty-five hours required for graduation. In all other cases, the last fifteen hours of the 180 required for graduation must be completed in residence, except as this requirement may be waived by faculty action made in advance. The minimum length of residence is thirty-six weeks.

REQUIREMENTS FOR GRADUATION

The degree of Bachelor of Arts will be conferred upon those students who comply with requirements for graduation from the College of Liberal Arts, as set forth in the following pages.

Credit Hours

The term hour is the unit of credit. This unit consists of one class exercise a week in a subject, or its equivalent, continued thruout a quarter of twelve weeks. The student is expected to complete at least fifteen of these terms hours each quarter and is required to offer 180 hours for graduation. In addition, work in physical education is prescribed for all students except juniors and seniors.

Prescribed Studies

The prescribed studies are arranged in groups, from which the student is required to take work as indicated below.

In advising the student the faculty will endeavor to secure a proper sequence of subjects. It will be the aim to build upon the high school course and to secure continuity in the college course. As will be observed from the requirements in the different groups as given below, an effort is made to unify the curriculum of each student by requiring (1) a year's work in English; (2) a year's work in a natural science, for the non-professional student preferably biology; (3) a year's work in a social science, preferably sociology; (4) a year's work in Bible and philosophy so planned as to acquaint the student with the importance of a thoroly Christian life view. As a part of this "core" of his curriculum, the student will pursue for at least one quarter a study of psychology.

The groups are as follows:

GROUP I

English (language)
French
German
Greek
Latin
Spanish

GROUP II

Mathematics
Biology
Chemistry
Geology
Home Economics
Physics

GROUP III

Economics
History
Literature
Political Science
Sociology

GROUP IV

Education
English Bible and
Religious Education
Philosophy
Psychology

GROUP V

Fine Arts
Music

Each student is required to pass in the following prescribed work:

1. English composition and oral English: English 1A and Oral English 1. Group I.

2. Two years (six quarters) of some one foreign language. Students presenting for admission as many as four years of some one foreign language may satisfy the foreign language requirement by taking one additional year (three quarters) of that language. Group I.
3. One year (three quarters) from biology, chemistry, or physics. At least nine term hours in addition from Group II.
4. One year (three quarters) from one subject in Group III. At least nine term hours in addition from the group. In addition Sociology 1 is prescribed for freshmen.
5. Twenty hours from Group IV, as follows: Five hours in psychology. (Philosophy 11), fifteen hours in philosophy (Philosophy 3).
6. Six term hours from art or music. Only such courses may count as have been approved for credit by the committee on curriculum. Not required in 1923-24.
7. Physical education, two exercises a week, is required of all students except juniors and seniors. Deferred or incomplete credits must be made up by students before graduation.

Major Subject

In addition to the above requirements each candidate for a degree must complete a major in some one subject of not less than thirty-six term hours. The major subject must be chosen not later than the Spring quarter of the sophomore year. The choice of the student must have the approval of the head of the department in which the major is to be taken. Minors and related work will also be determined by the head of the department, and the student's program when agreed upon may not be changed except by vote of the faculty, on recommendation of the head of the department.

Electives

The student will select in consultation with his adviser sufficient electives to make his total 180 hours. Not more than forty-eight hours, however, may be taken in any one department, except in departments including more than one subject. In such cases the number of hours permitted will be determined by the faculty. Juniors and seniors may not elect elementary courses for full credit except as determined by the head of the department in which the major is taken.

FRESHMAN AND SOPHOMORE PROGRAMS

As a rule the student must complete the prescribed work during the freshman and sophomore years. Entrance deficiencies must be given precedence over other subjects in the freshman year.

For freshmen pursuing a regular course, the following program is suggested:

Required:

1. English composition (English 1A), three hours a week.

2. Oral English (Oral English 1), two hours a week.
3. Introductory course for freshmen (Sociology 1), one hour a week.
4. Physical education, two exercises a week.

Sufficient from the following to make a total of fifteen hours (exclusive of Sociology 1 and physical education):

5. Foreign language, three to five hours a week.
6. Mathematics or science, four or five hours a week.
7. Three to five hours chosen from Group III or IV.

All choice of studies by freshmen must be approved by a member of the faculty assigned to that work. Those who expect to teach before completing a college course will find it necessary to substitute work in Education for certain subjects indicated above. Other modifications will be necessary in the case of students who plan to take up a technical course.

Sophomores will be expected to complete their group requirements. They will continue work in physical education. They must choose their major subject not later than the Spring quarter, and, with the advice of the head of the department in which the major is taken, make out their programs for the remainder of the course. Changes in this program when once made out will not be permitted except by vote of the faculty on recommendation of the head of the department in which the major is taken.

CLASSIFICATION OF STUDENTS

Students who are graduates of a commissioned high school, or have completed an equivalent course, and have not more than one unit of condition will be given freshman classification. Those who have credit for forty term hours of collegiate work, with all entrance requirements met, will receive sophomore standing. In order to receive junior or senior standing the student must have credit for ninety and one hundred and thirty-five hours respectively.

SCHOLARSHIP STANDARDS

Grades are reported at the close of each quarter according to the following schedule: A plus, exceptional; A, excellent; B, good; C, fair; D, inferior; E, conditioned; F, failure. Teachers who so desire may report a minus or plus B or C.

D is the passing grade. In order to receive credit for a subject in which grade E has been received, the condition must be removed by a special examination taken within two weeks of the opening of the quarter following.

For each hour reported according to the above schedule the student receives the following value in points: A, three points; B, two points; C, one point; D, no point; E, minus one point; F, minus two points.

To be eligible for graduation the candidate must meet the following requirements: First, he must have credit for 180 term-hours.

Of these, 120 hours must be of the grade C or above, and three-fourths of the major must be of the grade B or above. Second, he must have credit for an aggregate of 180 points.

At the middle and close of each quarter the student will receive a report of his standing. If he has received at the mid-quarter a grade of D, or below, in any subject, a report is sent to the parent. At the close of each quarter a report of all grades is sent to the parent, and at the close of the first and third quarters to the high school from which the student comes.

HONORS

Honors are conferred at graduation upon those students who make a high record for scholarship. Those who have to their credit 100 hours of Grade A and 50 of grade B will be graduated with honors (*cum laude*). Those who have to their credit 150 hours of grade A will be graduated with high honors (*magna cum laude*).

COURSES OF INSTRUCTION

The studies in the College of Liberal Arts, as outlined at present, are described in the pages following. It is not the policy of the College to multiply courses, but rather to meet the legitimate demands of those seeking a liberal education. The faculty believes that a few courses well taught and thoroly mastered by the student are preferable to the confusion arising from the necessity of choosing from a great number of unrelated subjects.

Courses are numbered by Arabic numerals, quarters by Roman numerals. The letters a and b following a course number indicate that the course is organized as two units of six weeks each, the letter a designating the first half of the course and the letter b the second half of the course. Superior figures 1 and 2 following a quarter number indicate that the course is given in the first or second half of the quarter respectively.

Unless otherwise stated in the description, courses are open not only to the class indicated but to students of a higher rank. Courses are not open to students of a lower rank than the class indicated.

In laboratory courses, unless otherwise indicated, two hours of laboratory work are counted as equivalent to one hour of recitation. The fees for laboratory courses will be found in the schedule of expenses, page 22.

Unless otherwise indicated courses extending over two or three quarters are to be regarded as continuous courses, and the course must be completed to count toward graduation.

Courses enclosed in brackets [] will not be offered during the first three quarters of 1923-24. The College reserves the right to withdraw courses for which the enrollment may not justify the organization of a class.

The courses in this catalog are arranged alphabetically with reference to the study, not with reference to departments.

ART

Courses in drawing are offered for teachers who are preparing to teach in the elementary schools.

BIOLOGY

(See Botany and Zoology)

BOTANY

[1. General Botany. Open to freshmen. Three hours. Quarters I, II, III.]

CHEMISTRY

Students majoring in chemistry will be required to take a minimum of thirty-six hours in the department, exclusive of Chemistry 1, quarters I and II. The following courses should be taken in the order named: 1, 2, 4, 6, 12, 13, 16. Electives may be chosen from the remaining courses depending upon individual desires. A substitution may be made of Chemistry 8 for 6, and Chemistry 5 or 10 may be included to make the requisite number of hours. Both of the latter are highly recommended for students who wish to make chemistry their life work. Students desiring to major in chemistry should consult the head of the department early in their college course.

1. **Chemistry, General Inorganic.** This course consists of a systematic study of both the non-metallic and metallic elements and their compounds, considered from the standpoint of the laws of chemical combination, equilibrium and the dissociation theory. Special emphasis will be placed on the commercial preparation and use of various compounds and the relation of chemistry to man.

Five hours—three lectures and two laboratory periods. Quarters I, II, III. For students in the special two-year course in home economics, four hours.

- 1E. **Chemistry, General Inorganic.** For students in engineering.

Four hours—five hours in recitation and six hours in laboratory for weeks students are in school. Quarters I, II, III.

2. **Qualitative Analysis.** A study in the identification of metals and acids. The class room work consists of a study of chemical reactions as related to the theory of ionization, chemical equilibrium and the law of mass action. The laboratory work will be the development of a systematic analysis for metal and acid ions, with practice on twenty "unknowns".

Pre-requisite, Chemistry 1. Five hours a week for one quarter—one lecture and quiz and eight hours in the laboratory. Quarter I.

3. **Qualitative Analysis (Advanced).** This course considers special separations and problems of an advanced type. It is recommended for those majoring in chemistry.

Pre-requisites: Chemistry 1 and 2. Five hours—one lecture and eight hours in the laboratory. Quarter II.

4. **Quantitative Analysis.** This is a beginning course and develops both theory and practice in gravimetric and volumetric methods. Type rather than special cases are studied to develop technique and initiative. All samples are "unknowns". One or two technical problems are given (cement, brass, etc.) The lectures and quizzes emphasize the theoretical physical chemical principles underlying each step of the work. Many problems are given.

Pre-requisites: Chemistry 1 and 2. Four hours—one lecture and eight hours in the laboratory. Quarters II, III.

5. **Quantitative Analysis (Advanced).** This course is a study of special problems such as coal, cement, iron, steel, silicate rock, shales, ores, gas, water, fertilizers, soil, clay and organic analysis. The type of work will be partially determined by the students, but each will make a complete analysis of an unknown. The course may be taken any number of quarters.

Pre-requisites: Chemistry 1, 2, 4. Five hours—ten hours in laboratory and quizzes. Quarters I, II, III, IV.

6. **Chemistry, Organic.** This course is a study of the carbon compounds, both aliphatic and aromatic; their structure, homology, preparation, relationship, and uses. The relation of the compounds to man and life is emphasized. The laboratory work consists in the preparation, purification, identification and analysis of typical organic compounds.

Pre-requisites: Chemistry 1 and, if possible, 3 and 4. Five hours—two lectures, one quiz, one or two laboratory periods a week. Quarters I, II, III.

- [7. **Chemistry, General Inorganic.** This course is designed for students in home economics and others desiring a short course in general chemistry.

Four hours—lectures, quizzes and laboratory. Quarters I, II.

Note—Temporarily students in home economics will register in Chemistry 1 for the first two quarters.]

8. **Chemistry, Organic.** A short course covering the whole field of organic chemistry, for students in home economics and others desiring a general knowledge of the subject. Special attention is given to foods, drugs, dyes, etc.

Pre-requisite, Chemistry 7 or the first two quarters of 1. Four hours for one quarter—lectures, quizzes and laboratory. Quarter III.

9. **Chemistry of Foods.** For students in home economics and others interested in a study of food problems. A study is made of the chemical nature of the common foods, metabolism, nutritive values, enzymes, vitamins, etc.

Pre-requisites: Chemistry 7 and 8, or 1 and 8, or 1 and 6. Five hours—lectures, quizzes and laboratory. Quarter I.

10. **Food Analysis.** This course is for advanced students who have, or have not, had Chemistry 9. It is divided into two sections, one for students in home economics, and the other for students majoring in chemistry. It includes the analysis of milk, cheese, edible fats and oils, flour, fruits, vegetables, canned goods, beverages, meats, adulteration of food stuffs, etc.

Pre-requisite for students in home economics: Chemistry 7, 8, 9; for others, Chemistry 1, 2, 4. Five hours—one lecture and quiz, eight hours in the laboratory. Quarter II.

[11. Textile Chemistry.

Pre-requisite, for students in home economics, Chemistry 7, 8, 9; for others, Chemistry 1, 2, 4, 6. Five hours—one lecture and quiz, eight hours in the laboratory. Quarter II.]

12. Physical Chemistry.

Pre-requisites: Chemistry 1 or 1E, and if possible 2, 4. Lectures and laboratory may be taken separately. Class work, three hours credit; laboratory, two hours' credit. Quarters II, III.

13. Seminar. This course is required of all seniors specializing in chemistry, and is open to others. It consists of a critical study of current chemical magazine articles.

One hour. Quarters I, II, III.

[14. Chemistry, Organic (Advanced).

Pre-requisites: Chemistry 1, 6. Two hours. The course will be given when a sufficient number desire it.]

[15. Industrial Chemistry.

Two hours. Any quarter.]

16. Thesis. All senior students majoring in chemistry will be required to write a thesis on some topic selected in consultation with the director of chemistry. This will always involve considerable laboratory work and may be of a theoretical or technical nature along either inorganic or organic lines. Original work will be published.

This requirement is to offer the student an opportunity for the development of individuality and initiative, free from the ordinary restraints of the class room. Community problems and field work will be encouraged.

Two hours' credit. Quarters I, II, III.

ECONOMICS

Courses in economics are intended to acquaint the student with the outstanding features of our economic life. They provide one of the necessary foundations for industrial leadership and statesmanship, for they deal with the large principles underlying efficient management of affairs.

The courses in economics may be used toward meeting the requirements either for the degree of Bachelor of Science in Business Administration or for the degree of Bachelor of Arts. Students in education may elect economics as one of the major or minor subjects, and use the courses to meet part of the requirements for the degree of Bachelor of Science in Education. The student in economics should study the requirements for the various degrees and plan his course according to his needs.

A full statement of all the courses offered will be found under Business Administration, page 89. Courses 10, 11, and 12—Industrial Society, Business Economics, and General and Agricultural Economics—are required of all candidates for the degree of Bachelor of Arts majoring in economics, and are pre-requisite to the other courses in economics and business administration.

Students taking courses in economics beyond courses 10, 11, and 12 should consult with the head of the department regarding the proper sequence of courses. The student is advised to inquire fully into the nature of a course before registering for it, so as to avoid misfits as completely as possible. If the student is interested in current problems and affairs, or expects to enter the professions, he will find a major or minor in economics of value to him. If he expects to enter business, he will want the full course in business administration.

During the year 1923-24 the following courses will be offered: 10, 11, 12, 30, 31, 32, 34, 75, and possibly 33.

See page 91 for the description of courses in the department of Economics and Business Administration.

EDUCATION

Students in the College of Liberal Arts may elect courses in Education to meet both group requirements and the requirements of a major. For outline of the courses offered, see page 59 of this catalog.

ENGINEERING

The College maintains a department of Engineering on the cooperative, or part-time system. See page 63 of this catalog.

ENGLISH

A—English Composition

1A. Elementary Composition. The purpose of this course is to teach the student the underlying principles of correct and effective expression, and to prepare him for the courses in oral English and in advanced composition and literature.

Required of freshmen. Three hours. Quarters I, II, III.

[2A. Magazine Writing.

Pre-requisites for this course: English 1A and 3A, or their equivalents. Three hours. Quarters I, II, III.]

3A. Journalism. This course is outlined for those students who have either completed 1A satisfactorily or have already done creditable work in journalism in a reputable high school. Only such students as have shown special aptitude for writing, or especially desire to attain proficiency in writing for publication, are admitted to this course. Reporting and the writing of feature stories and editorials are stressed. In reporting, excellent practice is had thru *The Crescent*, which is edited and published weekly by the members of the class. For editorials and feature writing, the three Evansville newspapers not only have opened their columns but pay well for such contributions. Every member of the class is expected to contribute to these papers.

One hour. Quarters I, II, III.

11A. Elementary Composition. English 11A covers the same ground as English 1A. The work, however, is divided into four units instead of three as in the latter. A period of six weeks, five

hours a week is given to each unit. The course is designed especially to meet the needs of students of the Spring and Summer quarters.

Each unit gives a credit of two and one-half term hours. Two units will be given in 1923, as follows:

- a. Course in rhetoric and composition. A brief review of grammar will be followed by practice in sentence writing. The course will also include a review of punctuation, a study of diction, and the study and composition of expository paragraphs. Emphasis will be placed on the practical use of the English language.

Quarter IV. (First six weeks).

- b. Course in the study of exposition. The work will include daily themes in exposition and some reading from both formal and familiar essay.

Pre-requisite, Course a or its equivalent. Quarter IV. (Second six weeks).

- [12A. Use of Library. This course is planned to be of immediate help to students in their use of the library while in college. It will also be of service in making available library facilities in general. Teachers and others who expect to have charge of small libraries will be greatly profited by taking the course. Among the subjects studied are: classification schemes; the use of the card catalog; magazines and magazine indexes; use of general and special reference books; and the making of a bibliography.

Two hours for one quarter. Quarters I and IV.]

B—English Literature

- 1B. Types of English Literature. In this course the development of the different forms of English literature will be studied, thru the outstanding masterpieces of each. Elective for all students and a pre-requisite for advanced courses in English literature.

Three hours. Quarters I, II, III.

- [2B. Contemporary English and American Literature. The purpose of this course is to familiarize the student with the chief works of the writers of the present: the short-story, the drama, and poetry will receive attention.

Three hours. Quarters I, II, III.]

- [3B. American Literature. In this course the history and development of American literature as a branch of English literature is studied.

Three hours. Quarters I, II, III.]

- [4B. American Writers of the Nineteenth Century.

Five hours. Quarter IV.]

- 5B. Shakespeare and His Plays. During the first quarter the study will include the work of Shakespeare in the large. In the second and third quarters a careful study of individual plays is required, not fewer than two plays for each quarter.

Three hours. Quarters I, II, III.

- 6B. **The English Poets of the Nineteenth Century.** The poetry of Wordsworth, Coleridge, Shelley, Keats, Byron, Tennyson and Browning.

Ten hours. Quarter IV. The first half of the course will be given in 1923, the second half in 1924. ..

- [7B. **Old English.** In this course Old English language and literature will be studied.

Three hours. Quarter I.]

- [8B. **Beowulf.** This course is a continuation of 7B, which is a pre-requisite. The main purpose of the course is the reading understanding of Beowulf in the original.

Three hours. Quarter II.]

- [9B. **Chaucer.** Middle English language and literature, with special emphasis on Chaucer will be studied in this course.

Three hours. Quarter III.]

- 10B ab. **Types of Great Literature.** This course is a repetition of the first half of English 1B.

Five hours. Quarter IV. Given in 1923.

- 11B. **Types of Great Literature.** This course consists of the second half of English 1B.

Five hours. Quarter IV. Given in 1924.

- 12B. **The English Novel.** Beginning with the great eighteenth century novelists—Richardson, Fielding, Sterne, and Smollett, this course will treat the development of the English novel thru the Victorian period. It will be presumed that the student shall have done some previous reading in the English novel. Considerable reading as a basis for both tests and term reports will be required.

English 1B is a pre-requisite for this course. Three hours. Quarters I, II, III.

ENGLISH—ORAL

The department of Public Speaking is correlated with the department of English in all of its courses. The first year's work is correlated with English 1A. The freshmen themes of English 1A are corrected and then taken to the oral English department where they are made into speeches and delivered from the platform.

1. **Elementary Public Speaking.** This course is an introduction to all others in the department. It deals with the physiological and scientific principles of oral expression, with generic elements, pronunciation, articulation and breathing. The text for this part of the work is Fulton and Trueblood's "Practical Elocution". In connection with this is used Phillips' "Effective Speaking," which deals with the preparation of speeches; the general ends, the impelling motives, outlines, briefs, etc. The students are required to speak from the platform on the questions of the day and also upon the subjects chosen for their themes in English 1A. At the close of the year the classes engage in a topical speech contest. Each class chooses two of its best speakers and on the evening

of the contest a list of subjects is handed to each contestant one hour before the contest. The contestants are then placed in separate rooms adjoining the library, which is at their disposal if they choose, to prepare their speeches. At the end of the hour they come together for the contest.

Required of all freshmen in Liberal Arts courses, and of sophomores in Education. Two hours. Quarters I, II, III.

2. **Interpretation.** An application of the principles of public speaking to the interpretation of selections from literature. Text book: Algernon Tassin's "Oral Study of Literature", and poems and narratives selected from standard authors.

Pre-requisites: Oral English 1 and English 1A. Two hours. Quarter I.

3. **Interpretation of Poetry.** Lectures on the different forms of poetry, with special attention to the nature of each, and the interpretation of these forms. By the close of the course, each pupil must have mastered one poet, to the extent that he is able to interpret to an audience for one hour the poet's life and works.

Pre-requisites: Oral English 1 and English 1B. Two hours. Quarter II.

4. **Interpretation of Drama.** This course consists of lectures on the history of drama; the reading of assigned plays from Aeschylus to modern drama; and the study and presentation of one act plays. Text book: "One Act Plays by American Authors"—Margaret Mayorga.

Pre-requisites: Oral English 1 and English 1B. Two hours. Quarter III.

- [5. **Oratory.** This course consists of the study of a short history of oratory, the preparation and delivery of all forms of speeches: occasional addresses; after-dinner speeches; civic, panegyric and subject orations; critiques, etc. An extra credit of one hour will be given for the preparation and delivery of a lecture on an assigned subject, to be prepared and delivered outside the class room.

Pre-requisites: Oral English 1 and English 1B. Two hours. Quarters I.]

6. **Debate.** This course consists of text book work in methods of reasoning, brief making and argumentation. Text book: Foster's "Argumentation and Debate". The second quarter is given up to single arguments, with rebuttal, and team debates.

Pre-requisites: Oral English 1 and English 1B. Two hours. Quarters I, II.

ENGLISH BIBLE AND RELIGIOUS EDUCATION

For the present courses in Bible will alternate with courses in religious education. In 1923-1924 the work offered is in the field of religious education.

- [2. **The Great Prophets of the Old Testament.** This is a careful study of the great pre-exilic, exilic and post-exilic prophets. The course will begin with a study of the history and nature of prophecy and proceed to a study of the prophets as great personalities, the influence of their messages upon the life of their day, their contribution to the advancing religious thought of Israel, and their permanent values for the social and religious thought of our time.
Five hours. Quarter I.]
- [3. **The Life and Teachings of Jesus.** This will be an intensive study of the personality, life, and public ministry of Jesus. A detailed study of Matthew with such use of Mark and Luke as will illustrate the problems will be made. The free discussion of the meaning of the teachings will be encouraged together with their implications for our modern world. The aim of this course is to give a clear understanding and appreciation of the basic fundamentals of Christianity.
Five hours. Quarter II.]
- [4. **The Beginnings of Hebrew History.** This is an analytical study of the books of the Hexateuch. A frank discussion of the problems which arise in connection with these books is encouraged. A point of view is sought thru the application of the modern methods of sound historical criticism that will preserve the great and permanent contributions of these books to religious thought. Papers and notebooks required.
Five hours. Quarters I.]
- [8. **The Pauline Epistles.** A comparative and analytical study of the literary peculiarities, practical purpose, outline, and the main ideas of the Epistles of Paul. By printed analyses and carefully prepared questions the more vital exegetical details are brought to light and discussed. Papers and notebooks required.
Five hours. Quarter II.]
11. **Local Church Administration.** A course to be of practical and immediate help to men preparing for the ministry, pastor's assistant, or director of religious education in the local church. Discussion of pastoral duties, pulpit methods, homiletic theory and practice. Attention is given to the various activities connected with public worship. Collateral readings and notebooks required.
Four hours. Quarter III.
12. **The Principles and Methods of Religious Education.** This course consists of a thoro-going examination of the principles underlying moral and religious education. A careful and critical study and evaluation of evolution, heredity, and education in general will be made and constructive deductions made for the application to concrete and practical problems in the home, school and church.
Four hours. Quarter I.
13. **The Organization and Administration of Religious Education.** This course seeks to establish a scientific program of moral and religious education for a democracy in which the church

and state are separate. Local church, community, and national problems are dealt with in turn. The purpose of this course is to fit those who take it for genuine practical service in their local church and community.

Four hours. Quarter II.

FRENCH

1. **Elementary French.** Grammar and easy reading. Written and oral exercises. Special emphasis on pronunciation. At the end of this course, the student should be able to pronounce correctly, to read easy French accurately, and to express himself in correct French within the limits of his vocabulary.

Open to students who have not presented French for admission. Five hours. Quarters I, II, III.

2. **Intermediate French.** Continues all the work of French 1. Readings from nineteenth century authors. Pre-requisite: French 1, or two years of high school French. Those entering this course from another school must first take examination in pronunciation.

Three hours. Quarters I, II, III.

3. **Introduction to French Literature.** A general survey with readings from classic and modern authors. Lectures and discussions. Outside reading. Pre-requisite: French 2, or four years of high school French.

Three hours. Quarters I, II, III.

4. **Nineteenth Century Literature.** Pre-requisite: French 2, or its equivalent.

Three hours. Quarters I, II, III.

5. **Advanced Composition and Conversation.** Open to students who have taken French 2, and to others by special permission.

One or two hours. Quarters I, II, III.

GEOLOGY

1. **General Geology.** This course is a study of the general field of geology including the dynamical, structural and historical. Field work will receive attention. The relation of geology to mining and other industries is always considered.

Pre-requisite: Chemistry or Zoology. Five hours a week—three exercises in the class and four in the laboratory. Quarters I, II, III.

- [2. **Mineralogy and Palaeontology.**]

HISTORY

1. **European History.** A survey of the medieval period followed by a more thoro study of the modern period.

Open to freshmen. Five hours. Quarters I and II.

- 1A. **European History.** The nineteenth century.

Five hours for one quarter. Quarter III.

2. **English History.** A general survey of English history to the close of the nineteenth century.
Pre-requisite: History 1, or other introductory course.
Three hours. Quarters, I, II, III.
3. **American History.** Careful survey of American history with special reference to social and economic facts.
Three hours. Quarters I, II, III.
4. **American Constitutional and Political History.** A study of American history (1) from the standpoint of the development of the Constitution, and (2) from the standpoint of political life and problems.
Pre-requisite: History 3, or equivalent. Five hours. Quarters III, IV.

A course in American Constitutional history will be given during the last half of the Summer quarter. A two and one-half hour credit.
8. **Problems in Democracy.** The course begins with a survey of the historical background of American democracy. Problems growing out of economic, social and political conditions are studied. The course includes a study of the fundamentals of citizenship. It is intended primarily for those who are preparing to teach, but will be of value to all students.
Two hours. Quarters I, II, III.
9. **The New Europe.** This is a study of the larger problems of current European and world politics; such as the League of Nations, the Versailles Treaty, world trade, colonial outlook and internal problems of the various states.
Five hours. Quarter I.
10. **Europe in the Twentieth Century.** A study of the background of the World War—the war itself, the part the United States played in the War, important developments since the War.
Five hours. Quarter II.
11. **Seminar.** Quarters II and III. Five hours. Required of History majors and minors.

Teachers' Courses

The Teaching of History in the Grades (Education 8E).

Four hours. Quarter III.

The Teaching of History in the Junior and Senior High School (Education 29E).

Four and one-half hours. Quarters I and II.

Directed Observation and Supervised Teaching of History in the High School (Education 30). This course provides for one quarter of actual teaching.

Seven and one-half hours. Quarters II and III.

HOME ECONOMICS

The department of Home Economics offers courses to meet the needs of three classes of students: those who wish to learn the process

and principles of home-making, those who wish to major in home economics, and teachers who are candidates for the special two-year certificate. Teachers and those who take home economics as a major subject should plan their work to include related courses in other departments. They should, therefore, confer with the head of the department of Home Economics before deciding upon their programs.

1. **Foods.** An introduction to the study of foods. The principles of cooking are developed thru the study of the classes of food materials.

Two lectures and two laboratory periods a week. Four hours. Quarter I.

2. **Foods.** A continuation of Foods 1 with emphasis on batters and doughs. (Students who have had a year's work in a recognized high school may, with the consent of the instructor, omit Foods 1.)

Two lectures and two laboratory periods a week. Four hours. Quarter II.

3. **Foods.** Meal service and food purchasing. The planning and preparation of well balanced meals at a definite cost.

Two lectures and two laboratory periods a week. Four hours. Quarter III.

4. **Foods (Dietetics).** A study of the diet in health and disease from infancy to old age.

Pre-requisites: Physiology and Home Economics 1, 2 and 3.

Two lectures and two laboratory periods a week. Four hours. Quarter III.

5. **Hygiene, Home Nursing, Child Care.** The care of the body in health, disease and emergencies.

Pre-requisites: Home Economics 1, 2 and 3. One lecture and two laboratory periods a week. A four-hour credit. Quarter IV.

6. **Home Management.** The family as an economic and social unit. Furnishing and maintenance of the home.

Four hours. Quarter II, IV.

7. **Clothing.** The basic principles underlying the construction of garments with emphasis on cotton fabrics. A study of textile materials, their history, manufacture and use.

Two lectures and two laboratory periods a week. Four hours. Quarter I.

8. **Clothing.** The construction of simple garments with emphasis on the tailored waists, skirts and dresses.

Two lectures and two laboratory periods a week—a four-hour credit. Quarter II. Students who have had a year's work in a recognized high school may, with the consent of the instructor, omit Home Economics 7.

9. **Clothing (Costume Design).** Historic costume. The elements and principles of design and color that are involved in costume planning.

Pre-requisites: Home Economics 7 and 8. Two lectures and two laboratory periods a week—a four-hour credit. Quarter III.

10. **Clothing (Advanced Dressmaking).** Application of principles of costume design with emphasis placed on silk and woollen fabrics.

Pre-requisites: Home Economics 7, 8 and 9. Four hours. Quarter I.

- [11. **Millinery.**

Pre-requisites: Home Economics 7 and 8. One lecture and two laboratory periods a week—a three hour credit.]

Teachers' Courses

A two-year course for teachers leading to the provisional elementary certificate is offered in connection with the department of Education. An outline of this course will be found on page 49.

Teachers who are preparing to teach home economics in the grades are offered a course in directed observation and supervised teaching (Education 9). Those who are preparing to take the provisional high school certificate are offered a course in the organization and technique of teaching home economics (Education 29) and a course in supervised teaching in the high school (Education 30).

LATIN

3. **Cicero; Vergil.**

Pre-requisite: Two years of high school Latin. Five hours. Quarters I, II, III.

4. **Cicero; Livy.** First quarter, a careful study of Cicero's *De Senectute* followed by a rapid reading of the *De Amicitia*. Thorough drill in syntax. Second and third quarters, Livy Book XXI and selections from Book XXII and from Book I.

Pre-requisites: Latin 1 and 2 and the first quarter of Latin 3, or three years of high school Latin. Five hours. Quarters I, II, III.

5. **Horace; Catullus; Juvenal.** First quarter, Horace's *Odes* and *Epodes*. Second quarter, Catullus. Third quarter, Latin satire. Horace and Juvenal.

Pre-requisite, Latin 4. Three hours. Quarters I, II, III.

6. **History of Latin Literature.** A study of the development and decline of Latin Literature (250 B. C. to 525 A. D.). Lectures, reports on assigned readings in the various histories of Latin literature and in other reference works. Reading of typical selections in the original. Drill in rapid reading and translation.

Pre-requisite, Latin 5. Three hours. Quarters I, II, III.

7. **Mythology.** Given in English. No language requirement. General survey of Graeco-Roman mythology, and a brief outline of Norse and Egyptian mythology. Stress is laid on the influence of the myths in English literature.

Open to all students. Three hours. Quarter III.

8. **Roman History and Politics.** A brief review of the rise and decline of Rome with special emphasis upon its political development as outlined in Abbott's "Roman Political Institutions."

Open to all students. No language requirement. Three hours. Quarter II. Alternates with Latin 9.

9. **Teaching of Latin.**

Open to teachers of Latin and to prospective teachers who have had four years' work in Latin. The course satisfies the requirements for those who expect to teach in the high school. (See Education 29). Three hours. Quarter II.

Alternates with Latin 8.

Illustrative material, such as post cards, photographs, slides and coins, is employed in all the courses.

MATHEMATICS

0. **Plane and Solid Geometry.** The course is of high school grade and is given for those who are conditioned in mathematics.

Five hours a week for the Autumn quarter and for other quarters if the demand should justify.

1. **College Algebra.**

Pre-requisite, high school algebra and plane geometry. Five hours. Quarter I.

2. **Trigonometry.**

Pre-requisite, Mathematics 1. Five hours. Quarter II.

3. **Analytical Geometry.**

Pre-requisite, Mathematics 1 and 2. Five hours. Quarter III.

4. **Analytical Geometry and Calculus.**

Pre-requisite: solid geometry and Mathematics 1, 2 and 3. Five hours. Quarter I.

5. **Advanced Calculus.**

Pre-requisite, Mathematics 4. Five hours. Quarters II, III.

6. **Differential Equations.**

Pre-requisite, Mathematics 1-5. Five hours. Quarters I, II.

7. **Theory of Equations.**

Pre-requisite, Mathematics 1-5. Five hours. Quarter III.

- [8. **Solid Analytics.**

Pre-requisite, Mathematics 1-7. Four hours. Quarter III.]

- [9. **Modern Geometry.**

Pre-requisite, Mathematics 1-5. Four hours. Quarter III.]

- [10. **Descriptive Astronomy.** Systems of reference; study of the visible wonders of the heavens. Presented from the historical point of view.

Pre-requisites: Mathematics 1, 2, 3. Three hours. Quarters I, II.]

MUSIC

Candidates for a degree are permitted to elect courses in music to the amount of eighteen term hours. These courses may not be of a technical or professional character.

PHILOSOPHY

- 1A. **Introduction to Philosophy.** This is an introductory course in philosophical problems of today that await solution. Urged as a pre-requisite to all other courses in Philosophy.

Three hours. Quarters I, II, III.

1. **Epistemology.** This course is a critical study of the theory of thought and knowledge. The aim is to determine the relation of the mind to intelligence and to formulate the immanent mental principles that underlie the intellectual life.

Five hours. Quarter I.

2. **Metaphysics.** A continuation of Course 1. This is a critical study of the theory of being. The metaphysical grounds of personality are first considered, then a study of the problem of knowability of the universe in general, concluding with a special consideration of our world in particular.

Five hours. Quarter II.

3. **Personalistic Philosophy.** A survey of the personalistic philosophy of Borden Parker Bowne with special emphasis upon the argument for the divine existence, the reality of the human soul, the relation of God to the world, and the Christian faith. The course includes as a basis such study of the Bible as will enable the student to comprehend the Bible as the story of a conception of God and to realize the teaching of Jesus as the only fundamentally perfect social philosophy.

The course is prescribed for all candidates for a degree, and should be taken as a rule in the senior year. Five hours. Quarters I, II, III.

- [4. **The Philosophy of Religion.** This is a study of the fundamental beliefs and experiences of religion. Attention is given to the logical and epistemological bases for the philosophy of religion and a study made of the metaphysical validity of the personality of God. The course concludes in a study of the theory of value. The problems of evil, sin, "finite" God, revelation, salvation, prayer, and immortality are considered together with a discussion of the philosophical basis of worship and social service.

Open only to those who have had Courses 1 and 2, or their equivalent. Five hours. Quarter III.]

5. **Ethics.** This course is a study of ethics in its theoretical and practical aspects. The first part will be devoted to theoretical

ethics in which the chief systems and problems of ethical theory will be discussed. The latter part will consist of an application of sound ethical principles to concrete social problems.

Five hours for one quarter. Quarters III and IV.

- [6. **The History of Philosophy.** This course will consist of an historical survey of the field of philosophical thought from its Grecian beginnings down to the present time. Part One will be devoted to ancient and mediaeval philosophy from 625 B. C. to 1453 A. D. Part Two will be devoted to modern philosophy from 1453 A. D. to the close of the nineteenth century.

Five hours. Quarters I, II, III.]

11. **Introduction to Psychology.** This is a general introduction to the field of psychological study. As such it will serve as a fundamental background and pre-requisite to all further work in educational psychology and philosophical study. The general aim is to acquaint the student with the entire field, its general problems, and to develop a proper attitude toward the appreciation of the importance of this study. Collateral readings and notebooks required.

Five hours for one quarter. Quarters I and IV.

Note:—Philosophy 1, 2, 4, 5, and 6 are open only to juniors and seniors, except by consent of the instructor.

PHYSICS

1. **General Physics.** A course covering the subjects of mechanics, sound and heat, magnetism and electricity.

Open to students who have not had physics, and to those whose high school preparation has not been sufficient to enable them to take up the more advanced courses. Four lectures or recitations a week. Quarters I, II, III.

2. **Laboratory Physics.** This course supplements Physics 1, but is to be registered for separately.

One two-hour period a week in the laboratory. Quarters I, II, III.

- E17. **Elementary Mechanics.** This course is intended to introduce the student to some of the actual problems of mechanics as they present themselves to an engineer. It plans to prepare the student for the more complete course in mechanics, E 18, and also to cover part of Mechanics as given in any general course in physics, thus meshing in with (a) under 1E, which follows this course and which it supplements.

Seven hours. Quarter IV.

- 1E. **General Physics.** For engineering students only.

Courses 1E, 2E and E17 cover the work of courses 1 and 2 above, but are given to meet the needs of the students of Engineering and from the engineering standpoint.

(a) **Fall quarter,** mechanics, continued from E17; heat and sound.

- (b) Winter quarter, magnetism, static electricity and light.
- (c) Spring quarter, current electricity.

Six hours in recitation for the weeks students are in school. Quarters I, II, III.

2E. Laboratory Physics.

Four hours in the laboratory for the weeks students are in school. Quarters I, II, III, IV.

6. Household Physics. Especially for students in home economics, but open to others who may want a brief course in physics. As the name indicates, the course is given with special reference to the practical physical problems of life. The object of the course is to help the student understand and use intelligently the various modern appliances about the home and in industry.

Four hours. Quarter III. Students who desire an additional hour of credit may secure it by taking one laboratory period a week.

PHYSICAL EDUCATION

Two years of work, two exercises a week, are prescribed for all students who are candidates for a degree or for the provisional certificates in education. Regularly this work is taken during the freshman and sophomore years. Students in all classes are encouraged to participate in some form of indoor or outdoor exercise.

All students before beginning work will be given a physical examination. Other examinations will be given as the instructors may think necessary. Individual and corrective work will be given to students who show special needs. A regulation gymnasium costume is provided by the College at cost.

The work for the year consists of instruction and drills and also of such games as indoor baseball, volley ball, basketball and soccer football. Opportunity will be given for those who show ability, to enter a leaders' class. During the Autumn and Winter quarters second year students will be given a course of twelve lessons in first aid. These lessons will be carried out with practical demonstrations. The object will be to help the student meet the emergencies that are likely to arise in everyday life.

PUBLIC SPEAKING

[See English—Oral.]

RELIGIOUS EDUCATION

[See English Bible.]

SOCIOLOGY

1. College Introduction. The aim of this course is to aid the student in properly relating himself to the conditions of college life. It also looks beyond the college period to the life work of the student. The course is given by members of the faculty

and by others especially equipped to deal with certain topics. A considerable part of the course is devoted to personal hygiene. Attention of a definite sort is given to vocational guidance. The reading of books dealing with the topics discussed is required.

The course is a requirement for all freshmen. One hour a week for a year. A credit of one hour each quarter is given to those who satisfy the requirements of the course.

2. **Principles of Sociology.** A systematic study of the underlying principles of social science.

Not open to freshmen. Five hours for one quarter. Quarter I.

3. **Social Pathology.** Some of the topics studied are poverty, charity, crime, degeneration, eugenics, immigration, urban and rural conditions, questions relating to the family and to social education.

Pre-requisite, Sociology 2. Five hours. Quarter II.

- [4. **Rural Sociology.** A presentation of rural life from its social point of view, its significance, conditions, and possibilities.

Five hours for one quarter. Quarter III.]

- [5. **The Family.** A thoro study of the family in its social aspect.

Pre-requisite, Sociology 2. Five hours. Quarter I.]

6. **Municipal Problems.** Housing, sanitation, public health, delinquency, child welfare, etc. The development of the public health movement and other welfare agencies and the increased emphasis upon the socializing aspects of religious and educational institutions.

Pre-requisite, Sociology 2. Five hours. Quarter II.

- [7. **Criminology.**

Pre-requisite, Sociology 2. Five hours. Quarter III.]

- [8. **Social Education.**

Pre-requisite, Sociology 2. Five hours. Quarter IV.]

9. **Social Institutions.** The origin, development and present status of social institutions. Conditions tending to weaken or destroy these institutions will receive attention.

Pre-requisite, Sociology 2. Five hours. Quarter I.

10. **Labor Problems.** A survey of the labor movement in the United States with special reference to economic and sociological aspects.

Pre-requisite, Sociology 2. Five hours. Quarter III.

Note:—Sociology 9, 6 and 10 will not be given in 1923-24 unless there is a very special demand.

SPANISH

1. **Elementary Spanish.** Systematic training in pronunciation; oral and written composition; careful study of grammar; selected elementary reading.

Open to anyone who has not presented credits in Spanish for admission to college. Five hours. Quarters I, II, III.

2. **Intermediate Spanish.** Advanced grammar, composition, and conversation; reading of stories, poems, plays, and newspaper articles.

Pre-requisite: Course 1, or two years of high school Spanish. Three hours. Quarters I, II, III.

3. **Spanish Conversation, Composition, and Commercial Correspondence.** Exercises in dramatic reading, debating, prepared and extemporaneous speaking, and in writing themes and business letters.

Pre-requisite: To be taken with or after Course 2 or its equivalent. Two hours. Quarters I, II, III.

- [4. **Spain and Spanish America.** Lectures and assignments dealing in a general way with the life, art, and literature of these countries. Survey of Spanish literature as to its principal periods. Reading of some representative works by the greatest novelists, dramatists, and poets, past and present, of the Spanish speaking countries.

Pre-requisite: Course 2, or its equivalent. Three hours. Quarters I, II, III.]

5. **The Golden Age in Spanish Literature.** General consideration of the period, and a more detailed study of the lives and works of Cervantes, Lope de Vega, and Calderon.

Pre-requisite: Reading knowledge of Spanish and consultation with the professor. Two hours. Quarters I, II, III.

ZOOLOGY

1. **General Zoology.** This course is a fundamental one in animal life. It includes an intensive study of a few typical animals followed by a comparison with related organisms. The relation of these to man and disease receives special emphasis.

This course will be presented in two sections:

- A. For those who pursue the regular course in the College of Liberal Arts. Five hours a week—three class exercises and four hours in the laboratory. Quarters I, II, III.
- B. For those who pursue the two-year teachers' courses. Four hours a week—two class exercises and four hours in the laboratory. Quarter I. Quarter IV.

2. **Physiology.** This is a study in human anatomy, physiology, hygiene and sanitation for the students who have taken the first quarter of Zoology 1.

Four hours a week for one quarter—two class exercises and four hours in the laboratory. Quarter II. Repeated in quarter IV.

- [3. **Embryology.** A study in the origin and development of the frog, chick, pig and man.

Pre-requisite, Zoology 1. Three hours. Quarters I, II, III.]

4. **Histology.** This course deals with the microscopical structure of the cells and tissues of the human body and kindred animals. Methods of technique form a regular part of the work.

Pre-requisite, Zoology 1. Three hours. Quarters I, II, III.

5. **Genetics and Evolution.** A study of the principles underlying the growth, variation, and development of the various organisms of the earth. Heredity and eugenics are carefully studied.

Pre-requisite, Zoology 1. One hour. Quarters I, II, III.

DEPARTMENT OF EDUCATION

The fundamental aim of the department of Education is to organize teacher training on a scientific basis and to equip students with such a knowledge of the principles of educational psychology, school organization and management, of the specific methods in classroom subjects, of educational measurements, and of the historical development of educational institutions as will make them independent and scientific workers in practical every-day teaching.

The department offers carefully prepared courses drawn along scientific lines for rural teachers, for city elementary and primary school teachers, for teachers of special subjects, and for high school teachers. The attention of rural teachers is called especially to the one-year course for rural teachers leading to the rural teacher's license, second grade, and meeting the minimum requirements for a license under the new license law. For teachers looking forward to employment in city school systems, it may be said that the best cities demand the completion of a two-year course. Many of our two-year graduates are taken directly into the Evansville public schools. The College offers to those looking forward to high school teaching not only scientifically organized educational courses, but also strong courses for specialization in the different academic fields.

THE TRAINING SCHOOL

The elementary training school of Evansville College has unusually good practice facilities. Under an arrangement between the College and the Board of Education of the city of Evansville and Knight Township, Vanderburgh County, there are three training schools: The Howard Roosa school, one of the city schools set aside for observation and practice; the Harper school, a one room rural school within two blocks of the college grounds; and the Hebron school, a three room consolidated rural school, a five minute ride from the college site. These schools are in charge of skillful, professionally trained critic teachers with the thoro background of experience that a large city school system such as Evansville and vicinity can well maintain. Thru observation, practice teaching, and laboratory periods, the courses of the department of Education are related to the work of the training school. The total result is a close correlation of theory and practice.

THE PLACEMENT BUREAU

The work of this bureau is in the hands of the committee on recommendations. This committee recommends to school authorities, who are seeking to fill vacancies, properly qualified candidates selected from present and former students of Evansville College. Recommendations are made and information given only upon the request of the authorities concerned. A thoro system of records is maintained including (a) correspondence and interviews; (b) general intelligence tests; (c) individual analyses and reports; (d) high school and college grades; and (e) teachers' estimates of miscellaneous social qualities. By this method the abilities of the different candidates are reasonably well established and candidates so recommended may under ordinary conditions be expected to succeed.

The committee seeks to serve the interests of both the students and the schools which may be in need of such aid on a minimum cost basis.

To former students of Evansville College the bureau will be glad to give any assistance for their professional advancement. It is urged that each former student keep the bureau informed of his changes in address and in educational work in order that the College may always have on hand the latest information about each of its students. All students looking forward to appointment should fill out the regular teacher's application form.

THE NEW TEACHERS' LICENSE LAW

Under the provisions of the teachers' license law passed at the recent session of the legislature, no person may enter the teaching profession in Indiana after December 1, 1923, who has not had at least thirty-six weeks of training beyond the high school. Provision is made whereby teachers in service and those of previous teaching experience may exchange their licenses for licenses under the new law. After December 1, 1923, all other licenses will be issued on the basis of training, and not on the basis of examinations. This will make it necessary for those entering the profession after the above date to secure at least thirty-six weeks of training. Teachers in service will also desire to add to their training in order to meet the requirements for the higher grades of license.

Under the new law Evansville College will offer courses leading to the following teachers' licenses:

1. Regular High School Teacher's License.

- (a) First grade. "Issued to persons who are graduates of a standard or approved university, college, or normal school (four-year course), and who have specialized in two or more of the regular high school branches and the teaching of them."
- (b) Second grade. "Issued to persons who have completed the equivalent of three years of work in a standard or approved university, college, or normal school, and who have specialized in two or more of the regular high school branches and in the teaching of them."

2. Special High School Teacher's License.

- (a) First, and (b) second grade. Issued to persons who are graduates (for a second grade license, to persons who have completed three years) of a standard or approved university, college, or normal school (four-year course), and who have specialized in the subject matter and in the teaching of the particular branch or branches for which the license is issued.

3. Primary Teacher's License.

- (a) First grade. Issued to persons who have completed a two-year course and have specialized in first, second, and third grade teaching.
- (b) Second grade. Issued to persons who have completed one year of an approved course, and have specialized in first, second and third grade teaching.

4. Intermediate Grade Teacher's License.

- (a) First grade. Issued to persons who have completed a two-year course, and have specialized in fourth, fifth, and sixth grade teaching.
- (b) Second grade. Issued to persons who have completed one year of a two-year course, and have specialized in fourth, fifth, and sixth grade teaching.

5. Grammar Grade Teacher's License.

- (a) First grade. Issued to persons who have completed a two-year course, and have specialized in seventh and eighth grade teaching.
- (b) Second grade. Issued to persons who have completed one year of a two-year course, and have specialized in seventh and eighth grade teaching.

6. Rural School Teacher's License.

- (a) First grade. Issued to persons who have completed a two-year course, and have specialized in the work of the one-teacher school.
- (b) Second grade. Issued to persons who have completed one year of a two-year course, and have specialized in the work of a one-teacher school.

7. Special Elementary School Teacher's License. Issued to persons who have completed a two-year course, and have specialized in the branch or branches for which the license is issued.**TERMS OF ADMISSION**

Graduates of commissioned high schools or persons of equivalent scholarship will be admitted to the courses leading to the various grades of teachers' licenses. Graduates of high schools accredited for four years (certified high schools) will be admitted on such conditions as may be prescribed by the State Board of Education.

Admission to the department of Education is governed by the same regulations as admission to other departments of the College. Each applicant for admission must present to the Dean of the College a complete certified record of his high school course. This is placed on file in the office as a part of the student's record. Blanks for this purpose may be obtained by addressing either the President or Dean of the College.

COURSES FOR ELEMENTARY TEACHERS

The following courses for teachers in the grades have been outlined as suggestive of the work required.

ONE-YEAR COURSE**For Rural Teachers
First Year****Autumn Quarter**

	Hours
(1) Rural School Teaching and Organization.....	4
(2) Primary Methods	4

	Hours
(3) Reading	4
(4) Arithmetic	4
(5) Non-preparation work	5
One hour each in drawing, music, penmanship, agriculture and physical education.	

Winter Quarter

(1) Rural School Teaching and Management.....	2
(2) Physiology and Hygiene.....	2
(3) Language and Composition.....	4
(4) Geography (for Grades 4 and 5).....	4
(5) United States History (for Grades 4, 5, and 6).....	4
(6) Non-preparation work	5
In same subjects as for first term.	

Spring Quarter

(1) Rural Community Civics.....	4
(2) Geography (for Grades 6 and 7).....	4
(3) United States History (for Grades 7 and 8).....	4
(4) Agriculture, or Home Economics.....	4
(5) Non-preparation work	5
In same subjects as for first term.	

THE TWO-YEAR COURSE**For Elementary Teachers****First Year****Autumn Quarter**

	Hours
Introduction to Education (Education 1).....	4
Biology (Zoology 1B).....	4
English Composition (English 1A).....	3
Arithmetic (Education 8C).....	4
Sociology 1	1
Non-preparation:	
Penmanship	3
Physical Education	2

Winter Quarter

Elementary Psychology (Education 2).....	4
Physiology and Hygiene (Zoology 2).....	4
English Composition (English 1A).....	3
Reading (Education 8B).....	4
Sociology 1	1
Non-preparation:	
Music	3
Physical Education	2

Spring Quarter

Principles of Teaching (Education 4).....	4
Observation and Supervised Teaching (Education 9A).....	4
United States History (Education 8E).....	4

	Hours
English Language (Education 8A).....	3
Sociology 1	1
Non-preparation:	3
Drawing	2
Physical Education	

Second Year

Autumn Quarter	
Child Psychology (Education 3).....	4
Economics or Sociology (Economics 1; Sociology 2).....	4
Geography (Education 8D).....	2
Oral English (Oral English 1).....	2
American History (History 8).....	2
Non-preparation: Physical Education.....	
Winter Quarter	
Special Methods in the Common Branches (Education 7).....	4
Supervised Teaching (Education 9C).....	4
Drawing (Education 8G).....	2
Oral English (Oral English 1).....	2
American History (History 8).....	2
Non-preparation: Physical Education.....	
Spring Quarter	
Public School Systems (Education 5).....	4
Music (Education 8F).....	2
Oral English (Oral English 1).....	2
American History (History 8).....	4
Elective	2
Non-preparation: Physical Education.....	

TWO-YEAR COURSE

For Primary Teachers (Grades 1-4)

	Hours
First Year	
Autumn Quarter	
Introduction to Education (Education 1).....	4
Biology (Zoology 1B).....	3
English Composition (English 1A).....	4
Arithmetic (Education 8C).....	1
Sociology 1	
Non-preparation:	3
Penmanship	2
Physical Education	
Winter Quarter	
Elementary Psychology (Education 2).....	4
Physiology and Hygiene (Zoology 2).....	3
English Composition (English 1A).....	4
Reading (Education 8B).....	1
Sociology 1	
Non-preparation:	3
Music	2
Physical Education	
Spring Quarter	
Principles of Teaching (Education 4).....	4
Observation and Supervised Teaching (Education 9A).....	4

	Hours
English Language (Education 8A).....	3
Elective	4
Sociology 1	1
Non-preparation:	
Music	3
Physical Education	2

Second Year

Autumn Quarter

Child Psychology (Education 3).....	4
Geography (Education 8D)	4
Story Telling (Education 8L).....	4
Handwork (Education 8K).....	2
Oral English (Oral English 1).....	2
Non-preparation: Physical Education.....	2

Winter Quarter

Primary Methods and Principles (Education 6).....	4
Supervised Teaching (Education 9C).....	4
Drawing (Education 8G).....	4
Handwork (Education 8K).....	2
Oral English (Oral English 1).....	2
Non-preparation: Physical Education.....	2

Spring Quarter

Public School Systems (Education 5).....	4
Nature Study (Education 8J).....	4
Music (Education 8F).....	4
Plays and Games (Education 8I).....	2
Oral English (Oral English).....	2
Non-preparation: Physical Education.....	2

TWO-YEAR COURSE

For Teachers of Home Economics

First Year

	Hours
Autumn Quarter	
Introduction to Education (Education 1).....	4
Chemistry (Chemistry 1).....	4
English (English 1A)	3
Sociology 1	1
Home Economics 7.....	4
Non-preparation:	
Penmanship	3
Physical Education	2

Winter Quarter

Elementary Psychology (Education 2).....	4
Chemistry (Chemistry 1).....	4
English (English 1A).....	3
Sociology 1	1
Home Economics 8.....	4
Non-preparation:	
Music	3
Physical Education	2

	Hours
Spring Quarter	
Principles of Teaching (Education 4).....	4
Chemistry (Chemistry 8).....	4
English (English 1A).....	3
Sociology 1	1
Home Economics 9.....	4
Non-preparation:	
Drawing	3
Physical Education	2

Second Year

Autumn Quarter	
Biology (Zoology 1B).....	4
Oral English 1.....	2
Home Economics 1.....	4
Home Economics 10.....	4
Home Economics (Elective).....	2
Non-preparation: Physical Education.....	2
Winter Quarter	
Physiology and Hygiene (Zoology 2).....	4
Oral English 1.....	2
Home Economics 2.....	4
Home Economics 6.....	4
Home Economics (Elective).....	2
Non-preparation: Physical Education.....	2
Spring Quarter	
Supervised Teaching (Education 9A).....	4
Special Method in Home Economics (Education 8H).....	4
Oral English 1.....	2
Household Physics (Physics 6).....	4
Home Economics 3.....	4
Non-preparation: Physical Education.....	2

FOUR YEAR CURRICULA

For High School Teachers

The department of Education in conjunction with the College of Liberal Arts provides curricula leading to either the degree of Bachelor of Arts or the degree of Bachelor of Science in Education.

Candidates for the degree of Bachelor of Arts who wish to prepare for high school teaching must meet all requirements for that degree as given on pages 26-28 of this catalog and in addition must include thirty-six hours in Education as a part of the 180 hours required for graduation. They should choose as major and minor subjects branches that are taught in the high school. The major subject should include at least thirty-six term hours, the minor thirty hours. Admission requirements and group requirements are the same as for other candidates for the degree.

Candidates for the degree of Bachelor of Science in Education are admitted on the basis of graduation from a commissioned high school. They must include in their course the following:

- (1) Thirty-six hours in Education.
- (2) A major of at least thirty hours and a minor of at least fifteen

hours. Major and minor subjects should be branches taught in the high school. Students are advised to include two majors, or a major and two minors.

(3) The following group requirements:

- (a) English 1A and Oral English 1—fifteen hours;
- (b) Natural science—biology, chemistry or physics—fifteen hours;
- (c) Psychology (Philosophy 11) and social science—fifteen hours;
- (d) Philosophy (Philosophy 3)—fifteen hours;
- (e) Sociology 1—three hours; and physical education—two hours a week thru the freshman and sophomore years.

Graduates of any of the two-year courses will be able to complete the requirements for the degree of Bachelor of Science in Education by doing two additional years of work. Such students are required to take twenty hours in Education over and above that required in the two-year course.

As a rule full credit toward the degree of Bachelor of Arts is given for all clearly collegiate and professional courses. The amount of credit granted will be determined on the merits of the individual case under consideration.

The following is a suggested order of courses in Education for those who are preparing to teach in the high school:

Introduction to Education (Education 1).....	4	hours
History of Education (Education 20).....	4	hours
Psychology (Philosophy 11).....	5	hours
Educational Psychology (Education 24).....	5	hours
Educational Measurements and Tests (Education 25).....	5	hours
Methods in High School Teaching (Education 26).....	3	hours
Special Method (Education 29).....	4½	hours
Observation and Supervised Teaching (Education 30).....	7½	hours

Education 3, 4 and 7 may be elected in a four-year course, but cannot be offered as substitutes for required work. Education 1, 24, 25, 29 and 30 are required.

Students are expected to advise with the head of the department of Education and with the major professor in planning their courses. Suggestive curricula providing for training in the various high school subjects as ordinarily distributed among the teaching corps of the high school will be worked out and made available for the student in planning his work. One such curriculum follows:

NATURAL SCIENCE

(Major in a natural science; minor in another)

First Year		Second Year	
Autumn Quarter	Hours	Autumn Quarter	Hours
English 1A	3	Chemistry or Physics.....	5
Oral English 1.....	2	English 1B	3
Zoology 1A	5	History 8	2
Mathematics 1	5	Education 1	4
Sociology 1	1	Physical Education	2
Physical Education	2		

Winter Quarter

English 1A	3
Oral English 1.....	2
Zoology 1	5
Mathematics 2	5
Sociology 1	1
Physical Education	2

Spring Quarter

English 1A	3
Oral English 1.....	2
Zoology 1	5
Mathematics 3	5
Sociology 1	1
Physical Education	2

Third Year**Autumn Quarter**

Major Science	5
Education 28	5
Sociology	5

Winter Quarter

Major Science	5
Education 24	5
Sociology	5

Spring Quarter

Major Science	5
Education 25	5
Economics	5

Winter Quarter

Chemistry or Physics.....	5
English 1B	3
History 8	2
Education 20	4
Physical Education	2

Spring Quarter

Chemistry or Physics.....	5
English 1B	3
History 8	2
Elective	5
Physical Education	2

Fourth Year**Autumn Quarter**

Education 26	3
Education 29	2
Philosophy 3	5
Elective	5

Winter Quarter

Education 30	2½
Education 29	2½
Philosophy 3	5
Elective	5

Spring Quarter

Education 30	5
Philosophy 3	5
Elective	5

COURSES OF INSTRUCTION

Courses are numbered by Arabic numerals, quarters by Roman numerals. The letters a and b following a course number indicate that the course is organized as two units of six weeks each, the letter a designating the first half of the course and the letter b the second half of the course. The number of hours of credit is always stated in term hours. A term hour is one class exercise a week, or its equivalent, for a period of twelve weeks.

ELEMENTARY GROUP

1. **Introduction to Education.** An elementary course designed to introduce students to the study of education by scientific methods.

Four hours. Quarter I.

2. **Psychology.** A course in elementary general psychology with a study of some of the more common applications of psychology to teaching.

Four hours. Quarter II.

3. **Child Psychology.**

- a. A scientific study of the child.
- b. The second half includes a study of the child's physical make-up, his reflex acts, his instincts, his mental processes and methods of training these.

Four hours. Quarter I.

- 4ab. **Principles of Teaching.**

- a. A general survey of the problems of classroom organization and control.
- b. A study of lesson planning, questioning and the general principles of the recitation.

Four hours. Quarter III.

- 5ab. **Public School Systems.** A course in the general problems of organization and administration of public schools in which the elementary school teacher is given a view of the working of the entire school system.

Four hours. Quarter III.

6. **Primary Methods and Principles.**

Four hours. Quarter II.

- 7ab. **Special Method in the Elementary School Subjects.** The course includes a detailed discussion of the mental processes involved in the learning of each of the elementary school subjects: reading, arithmetic, handwriting, history, geography, etc. Text: Freeman, "Psychology of the Common Branches."

Four hours. Quarter II.

8. The Organization and Technique of the Teaching of the Elementary School Subjects.

- 8A. English. Four hours. Quarter III.
- 8B. Reading. Four hours. Quarter II.
- 8C. Arithmetic. Four hours. Quarter I.
- 8D. Geography. Four hours. Quarter I.
- 8E. History. Four hours. Quarter III.
- 8F. Music. Four hours. Quarter III.
- 8G. Drawing. Four hours. Quarter II.
- 8H. Home Economics. Four hours. Quarter III.
- 8I. Plays and Games. Two hours. Quarter III.
- 8J. Nature Study. Four hours. Quarter III.
- 8K. Handwork. Four hours. Quarters I and II.
- 8L. Story Telling. Four hours. Quarter I.

9. Directed Observation and Supervised Teaching. A course in the practical application of educational principles, intended to equip the student-teacher, as nearly as possible, with a knowledge of the materials, methods and aims of actual school-room conditions.

Each course is four-hour credit. Not given in Summer quarter.

- 9A. Observation and Supervised Teaching in the city schools.
- 9B. Observation and Supervised Teaching in the rural school.
- 9C. Supervised Teaching in the city schools.
- 9D. Supervised Teaching in the rural school.

ADVANCED COURSES

20. History of Modern Education. The following topics are studied: the influence of the Reformation and Counter-Reformation upon the development of modern social forces; the gradual secularization of social life and education; the reforms introduced into elementary school system and practices by such men as La Salle, Lancaster, Rousseau, Pestalozzi, Herbert, and Froebel. Also the Latin Grammar Schools and the academies of England and America will receive attention. The chief emphasis in the study of the high school will be upon the curriculum.

Four hours. Quarter II.

21. Public School Administration. This course aims to acquaint the student with the sources and typical examples of the literature of school administration, the principal problems in the field, and the current statistical and measuring methods of treating these problems.

Five hours.

22. High School Administration. This course deals with the practical problems of high school administration, including the relation of the high school to the elementary school, junior high school, and the college; statistical studies as tests of efficiency; the making of curricula and of programs; the reorganization of the material of secondary education; social organization; moral instruction and training.

Four hours. Quarter IV.

23. **Curriculum.** This is an introductory course in the study of the curriculum. It deals with the objectives of education in the various fields of training for vocation, citizenship, physical efficiency, leisure occupation, languages, parental responsibilities, morality, and religion; with some of the elemental principles that relate to the materials of instruction to be used in attaining the particular objectives discussed; and with methods to be employed in discovering the proper content of courses of study.

Five hours.

24. **Educational Psychology.** A systematic course treating of the psychological basis of educational theory. It is designed to meet the needs of junior and senior students who have had little previous training in psychology and psychological background of educational principles.

Five hours. Quarter II.

- 25ab. **Educational Measurements and Tests.** An intensive study of the standard-test movement in education; a brief historical perspective; principles underlying the demand for standards; attempts to standardize the content of the course of study; an organization of the principal tests designed to measure the outcomes of specific studies in elementary and secondary curriculum; a critical discussion of the validity of the tests; principles of design and methods of construction; the use of standard tests to the administrator, to the teacher, and to school reviews.

Five hours for one quarter. Quarter III. Quarter IV.

26. **Secondary Methods.** This is a course in general methods as applicable to all high school teaching. The course is introduced by a study of adolescence and avoids special methods as described in Course 29. Such authors as Parker, Calvin, and others will be studied.

Three hours. Quarter I.

27. **Social Psychology.** An advanced course dealing with the social side of instincts and emotions, including suggestions and imitations. Special consideration is given to the importance of these topics in childhood and in adult social life.

Five hours.

28. **Introduction to Psychology.** See Philosophy 11.

Five hours. Quarter I. Quarter IV.

29. **The Organization and Technique of the Teaching of the different High School Subjects.**

The different courses aim to give thoro acquaintance with the selecting, organization and presentation of the materials of instruction of such subjects.

Four and one-half hours. Two hours in quarter I and two and one-half hours in quarter II. Other quarters by arrangement.

- 29A. The Organization and Technique of the Teaching of Science in the Junior and Senior High School.
 - 29B. The Organization and Technique of the Teaching of Home Economics in the Junior and Senior High School.
 - 29C. The Organization and Technique of the Teaching of English in the Junior and Senior High School.
 - 29D. The Organization and Technique of the Teaching of Modern Languages in the Junior and Senior High School.
 - 29E. The Organization and Technique of the Teaching of History and the Social Sciences in the Junior and Senior High School.
 - 29F. The Organization and Technique of the Teaching of Mathematics in the Junior and Senior High School.
 - 29G. The Organization and Technique of the Teaching of Latin in the Junior and Senior High School. This is the course offered in the Department of Latin as Latin 9.
30. **Directed Observation and Supervised Teaching.** This course is given with reference to a number of the different high school subjects. The course provides for one quarter of actual teaching.
- Seven and one-half hours. Quarters II and III.
31. **Research in Educational Problems.** An advanced course open only to students in their senior year or above who are making special investigations and have their problem fully outlined.

DEPARTMENT OF ENGINEERING

CO-OPERATIVE HALF-TIME COURSES

In response to the demand in Evansville and the tri-state region for technically trained men, the trustees of Evansville College on June 8, 1920, authorized the organization of a department of Engineering. The first class was admitted the following September. New classes are admitted only in September of each year, at the beginning of the Fall quarter. Students desiring to enter the Winter, Spring or Summer quarters will be admitted only if there are vacancies, and if the college schedule includes suitable studies starting at the time, as may be determined by writing the College. Special students, desiring to study particular subjects, may be admitted at any time such subjects are regularly scheduled. (See paragraph on unclassified students, page 69).

As the size of each class is limited by the number of available co-operative jobs, and by general business activity, candidates for admission should make application as early as possible. Candidates will be accepted or rejected in the order in which their applications are received. Candidates residing in or near Evansville will find it most satisfactory to call in person. All others should write the Director of Engineering for entrance blanks or for any further information. For calendar of department of Engineering see page 9 of this catalog.

THE CO-OPERATIVE PLAN

After a careful survey of the work at other technical schools, the trustees and faculty selected the "Cincinnati Plan" or the co-operative part-time system as being the one best adapted to the needs of Evansville and the surrounding country. This system is no longer an experiment, having been in successful operation at the University of Cincinnati since 1906, and adopted in one form or another by such schools as Georgia School of Technology, Marquette University, Carnegie Institute, Massachusetts Institute of Technology, the Municipal University of Akron, Antioch College, and others.

In the co-operative system, there has been recognized the fallacy of expecting a student to prepare himself for his life work when completely removed from its atmosphere, as is the case when a student pursues an ordinary four-year college course. No technical school in the country has yet succeeded in bringing the influences and responsibilities of life's workshops into its school shops and laboratories, and only too often, such school shops are filled with equipment which becomes antiquated soon after installation. With the adoption of the co-operative system, every industrial establishment, public utility and engineering project in Evansville and neighboring counties becomes a potential laboratory or workshop for the students of Evansville College. "The city is our laboratory", the slogan of the department of Engineering, suggests tremendous possibilities, many of which are already being realized. No pains are being spared to provide on the campus such additional laboratory equipment hereinafter mentioned as will permit the highest standards of laboratory work.

STUDENTS WORK HALF TIME

Students in co-operative courses in Evansville College spend one-half their time working for wages in the employ of some co-operating firm, thus gaining practical experience at the same time they are studying theory. The work is usually arranged to come in alternate bi-weekly periods thruout the course. The jobs are located and assigned to students by the College, and each student is then sent to apply for his job in person. This is partly for the student's experience and partly to give the employer some choice in selecting his "co-ops."

In the early part of the course, the outside work of the student is of a manual nature, involving only minor responsibility, and he is often classed as a "laborer," "helper" or "special apprentice." However, as he gains experience and maturity, he is assigned to more responsible work, and at graduation he is fitted to handle work far in advance of that usually given to the inexperienced college graduate. The wages paid to students for this work are about the same as would be paid other workers doing the same class of work. (See next page).

In order that the outside job may be fully manned thruout the year, students are paired, one man of each pair attending classes for two weeks while the other works on the job. During the succeeding two weeks the man who went to school reports on the job while his "alternate" attends school. Of course all work in school is repeated for the second group of students, so that nothing is missed. School vacation periods are divided between the two students of a pair so that one or the other may always be on the job.

Students placed with the larger concerns are encouraged to remain with the one concern thruout the course, working thru the various departments. By so doing they will either work into a position with their employer upon graduation, or will merit from him a letter of recommendation, valuable because based upon an actual record of continuous and faithful work. Students placed with smaller concerns may be transferred to new employment at yearly or half-yearly intervals, as may be agreed, allowing them to secure as wide an experience as if they had been working for one of the larger companies.

Wherever possible, a general program of work for each student is agreed upon between the College, the student and his employer, and is adhered to as closely as business conditions permit, unless changed by mutual consent.

While a student is at work, he is subject to all the rules and regulations imposed by his employer upon the other employees. All existing labor laws and conditions, including those pertaining to liability for accident apply to the student in the same way as to any other employee.

No employer is obligated to retain in his employ any student who fails to give satisfaction. While the student who does not "make good" for reasons beyond his control will be given every consideration, students failing to satisfy their employer through gross carelessness or lack of effort may, at the discretion of the faculty, be dropped from the course.

CO-ORDINATION OF WORK AND THEORY

Each co-operative student is regularly visited at his place of work by some member of the engineering faculty, who consults freely with the student, his foreman and higher executives concerning the

student's work. He observes the work, explains difficult points, and directs the student's attention to many details in his surroundings which might otherwise go unnoticed.

The instructor thus carries back to the co-ordination class in college a mental picture of the student's work and surroundings, and can intelligently direct a discussion of each student's problems. The co-ordination class is the medium thru which every student receives some benefit from every other student's experiences; in which the instructor points out direct applications of theory; and in which individual courses of study relating directly to the practical work are mapped out for each student. This is the only study required of students during their weeks of work, when they are expected to give their whole energy to the work of their employers.

The close contact between the instructors and the work in the shops or field obviously results in more practical and interesting instruction in college.

WAGES PAID STUDENTS

While the primary object of the co-operative system is the practical experience to be gained, the money paid in wages enables many a student to gain an education otherwise unattainable. The wages paid beginners in Evansville average between twenty-five and forty cents per hour, and are advanced as students demonstrate their adaptability and faithfulness. While for obvious reasons the College can make no guarantee as to the wages a student may earn, it will use its best efforts to place needy students advantageously, and to secure for them such a wage as their services merit. Of this, of course, the employer must be the final judge. Ordinarily the co-operative work will not meet the entire expenses of out-of-town students who must pay board and room rent. Such students are urged, therefore, to have sufficient funds available to carry them thru their first year with the help of an average wage. (See page 71). If this is not possible, deserving students will be given additional work during school weeks, and their schedule of studies correspondingly reduced.

EVANSVILLE AN INDUSTRIAL CENTER

Evansville, with its diversified business activities, is a splendid field for co-operative experience. Here may be found machine shops, foundries, railroad shops, electrical manufacturing companies, furniture factories, steel and iron shops, power houses, telephone companies, building contractors, architects, city and county engineering departments, etc.

As the industrial co-operation is arranged upon a business rather than a philanthropic basis, the employment for students should be steady and dependable. Even during the severe depression just passed cases of unemployment among co-operative students have been but occasional and temporary, lasting only until new jobs could be arranged.

The most prominent manufacturers and employers of Evansville and vicinity have endorsed the co-operative courses in Evansville College, and are employing its students. They are especially watching the progress of the first few classes of students, believing that they are collectively training a group of men from which they will select their future executives, designers and salesmen. Many desirable openings in diverse fields will await those who complete the five years of rigorous technical training herein outlined. Students desiring to lo-

cate elsewhere after graduation will be given every possible assistance, including such recommendations as they may have earned from their co-operative employers.

Firms who have employed co-operative students during the past three years include the following:

- The Bennighof-Nolan Company, Overland garage.
- The Byron Toney Motor Co., Princeton, Ind.
- The Bucyrus Company, manufacturers of steam shovels.
- Hartmetz Bros., Dodge service station.
- The City Water Works, filtration plant.
- The Evansville Tool Works, manufacturers of tools.
- The Faultless Caster Company, manufacturers of casters.
- The Globe-Bosse-World Company, furniture manufacturers.
- The Hercules Companies, manufacturers of gas engines and buggies.
- The Hill Garage, Princeton, Ind., general garage work.
- The A. J. Hoffman Construction Company, general contractors.
- The Illinois Central Railroad Co., grade reduction project at Paxton, Ill.
- The Indiana Bell Telephone Co.
- The International Steel and Iron Company, structural engineers; bridges and steel work.
- The Karges Furniture Company, furniture manufacturers.
- The Lehigh Concrete Company, general contractors.
- The Liberty Motors Company, general garage work.
- The Geo. L. Mesker Co., structural engineers and steel work.
- The Scarborough-Davies Company, general contractors.
- The Southern Indiana Gas and Electric Co., electric transportation.
- The Southwestern Broom Company, broom and paper tray manufacturers.
- The Sunbeam Domestic Appliance Company, manufacturers of washing machines.
- The Sunbeam Electric Company, manufacturers of farm lighting plants and headlights.
- Vanderburgh County, Road Engineering Dept., surveyor's office.
- The Vulcan Plow Company, manufacturers of plows and implements.
- The Wemyss Furniture Company, furniture manufacturers.

Many other concerns have promised their hearty co-operation when needed.

EMPLOYMENT IN STUDENT'S HOME TOWN

A development of interest to out-of-town students is the practicability of securing co-operative employment in their home towns. Under this arrangement, two students, coming from a town where suitable work can be located, are enabled to live at home during work weeks, saving more than enough in the cost of room and board to offset their expenses to and from Evansville for the alternating periods of college instruction. Two men of a pair usually arrange to use the same room alternately in Evansville. Students desiring such employment outside of Evansville should communicate with the department of Engineering, which will visit the proposed place of work and make the necessary arrangements, should conditions be satisfactory.

LABORATORY FACILITIES

"The City is our Laboratory."

It is the policy of the department of Engineering to provide a

wide range of instruments and equipment for engineering testing and for the illustration of theory. Enough apparatus to be tested is furnished to acquaint the students thoroly with scientific test methods. Practice in applying these methods will be obtained by classes, under supervision of instructors, using industrial equipment of co-operating firms, either in their own plants or at the College. Thus, a class in steam engineering, having learned methods of boiler and furnace testing in the heating plant of the College, will take the necessary instruments from the College to a plant in actual operation, and there make such tests as may be arranged between the instructor and the engineers in charge. The intimate relations with all branches of industry fostered by the co-operative system make available for the College a greater variety of modern equipment than could possibly be purchased and maintained in a college laboratory.

For the teaching of surveying and allied subjects, the department has a splendid equipment of high grade transits, levels and accessories.

For the study of materials of engineering, a complete materials testing laboratory is provided, containing an Olsen Universal tension, compression, and flexure machine, capacity 100,000 lbs., with all instruments and attachments necessary for making a wide variety of tests, including beam tests up to six feet.

For courses in direct and alternating current electricity to be given first in 1924, adequate laboratories are being planned. The immediate installation of a radio receiving station is being arranged.

For courses in power engineering, ventilation, etc., the entire heating and ventilating system of the new college buildings is being made an integral part of the testing laboratories. Included in this equipment are the following: two 110 horse-power, 125 lb. pressure, Brownell horizontal return tubular boilers; one standard furnace with Cokal hand stoker; one Hawley downdraft furnace with shaking grates; numerous motor driven bilge pumps, circulating fans and exhaust fans; steam water heater, vacuum pump, boiler feed pump, injectors, etc.

No pains are spared to acquaint students with important engineering developments around Evansville and vicinity. Such projects as construction of roads, bridges, large buildings, power plants, Ohio River dams, sewers, water and gas mains, utility appraisals, etc., occur within the course of every student, and are visited on the bi-weekly inspection trips.

School foundries, pattern shops and machine shops are necessary with the co-operative system, as this work is more effectively encountered by the students in their outside employment under actual working conditions.

AFFILIATION WITH PROFESSIONAL SOCIETIES

Thru a special arrangement, the students of the department of Engineering receive notices of invitation to all technical meetings of the Engineering Society of Evansville, without cost to them. This gives them a contact with representative professional men in local industrial circles, as well as the opportunity of hearing many fine addresses and discussions on technical developments. At many of such meetings, attendance is required as part of the school work.

Several other organizations, including the Southern Indiana Association of Architects and the National Association of Stationary En-

gineers, local chapter, welcome students at their meetings whenever such are of particular interest.

CO-OPERATIVE WORK FOR NON-TECHNICAL STUDENTS

A new departure of importance, begun in September, 1921, is the extension of the co-operative plan to non-technical courses. By this arrangement, any student so desiring, may, regardless of the course he is taking, be placed on such outside employment as may be agreed upon between the student, the College, and the employer.

Suggested lines of work for both men and women include library work, office work, stenographic and clerical work, sales work, newspaper reporting, hospital work or nursing, secretarial work, teaching, field work of various kinds, factory work, drafting, farm or dairy work. During the past year about sixty academic students have had regular employment along these lines.

The purposes of such work are two-fold: first, to allow students to gain fundamental practical experience relating to some definitely chosen pursuit, at a time when it can be correlated to theory by college instructors; and second, to enable students of limited means to earn a substantial part of their total expenses.

The outside work is taken either on the alternate bi-weekly basis, as that of Engineering students, or on the half-day basis. On the half-day basis, where the needs of the work so require, two students are paired and are jointly responsible for keeping one job filled thruout the working hours. One student works in the morning and attends college in the afternoon; the other student works in the afternoon and attends college in the morning. The two exchange hours of work and of study whenever their individual groups of studies are completed, so as to give each student equal opportunity at both morning and afternoon courses.

This alternating arrangement is not necessary in all cases, however, as many types of work do not require that the place be filled thruout the day. In such cases, it is often possible for the student to work a stated number of hours each day, four hours for instance, at a time that will not interfere with attendance at regular classes.

A student working one-half the time will not be allowed to carry as much college work as a full time student. Not more than eight to twelve credit hours should be attempted. Assuming ten hours as the average schedule, it will require four and one-half years of four quarters each or six years of three quarters each for completion of the 180 hours required for graduation.

All course schedules for academic students so employed must be arranged in consultation with the Dean of the College.

Special care will be taken in placing young women in part-time positions. Only those positions may be held by women, which have been approved by the Dean of Women.

Students interested in part-time work should correspond with the Director of Co-operative Employment.

TERMS OF ADMISSION

The requirements for entrance as a regular student in the department of Engineering are nearly the same as for the Liberal Arts students, as outlined in detail on page 24. The following are the only exceptions, and should be carefully noted:

- A2. **Mathematics.** Three units are required, including algebra, advanced algebra, plane and solid geometry.
- A3. **Foreign language units** are accepted but are not required. Two additional elective units may be offered in their stead.
- B. **Elective.** Six elective units are required, including two language units or substitutes therefor, as mentioned under A3, above.

Advanced standing will be granted Engineering students on the terms explained on page 25.

REQUIREMENTS FOR GRADUATION

The degrees hereinafter mentioned (page 71) will be conferred upon those students who satisfactorily complete their prescribed or elective courses as set forth in the following pages. These courses consist of 180 term hours of college work, the same as the requirement in the College of Liberal Arts and must be completed in accordance with the scholarship standards described on page 28.

Credit Hours

The term hour is the unit of credit. This unit consists of one class exercise a week in a subject, or its equivalent, continued thru one quarter of twelve weeks or two quarters of half-time school work, as in the case of most engineering students. All part-time students taking a regular course are expected to complete about ten of these term hours each quarter. Full time students are expected to complete fifteen. All students are required to offer 180 term hours for graduation. In addition, work in physical education is prescribed for all freshmen and sophomore students, and for pre-junior co-operative students.

CLASSIFICATION OF STUDENTS

Students who are graduates of a commissioned high school, or have completed an equivalent course, and have not more than one unit of condition will be given freshman classification. Part-time students who have credit for thirty term hours of collegiate work, with all entrance requirements met, will receive sophomore standing. In order to receive pre-junior, junior or senior standing, the student must have credit for sixty-six, one hundred and eight and one hundred and forty-four hours, respectively.

"Unclassified students" are ordinarily not candidates for any degree. Such students, if of sufficient maturity, may, at the discretion of the head of the department of Engineering, be allowed to pursue any subjects in the engineering curriculum for which they can demonstrate their preparation and fitness, regardless of their entrance qualifications. Certificates will be given for subjects passed, and will be accepted toward a degree whenever such student shall have fully satisfied all entrance requirements.

TUITION AND FEES

The following charges for tuition and fees apply to all co-operative students and are payable at the time of registration

Tuition per quarter, including supervision of	
outside employment	\$37.50
Tuition, as above, short Summer quarter.....	25.00
Laboratory Fees:	

Chemistry, per quarter.....	4.00
Physics, per quarter.....	2.00
Materials Testing, per quarter.....	2.50
Surveying, per quarter.....	2.50
Cement, per quarter.....	2.50
Electrical laboratory, per quarter.....	2.50
Drafting room, use of locker, per quarter..	.25
Gymnasium:	
Men, per quarter.....	2.00
Library, per quarter.....	1.00
Student Fund, per quarter.....	4.80
Special Examinations	1.00
Diploma Fee	5.00

Students who register for more than twelve term hours of work will be charged \$2.00 per quarter for each additional hour.

Students who register for nine, or fewer, term hours will be charged \$4.00 per term hour, except that there will be no tuition charge of less than \$5.00.

Combination Arts-Engineering and special students not doing co-operative work will be charged the same as students in liberal arts, viz:

Tuition for full schedule (15 hours), per quarter	\$45.00
Twelve credit hours or less, per hour.....	3.25
For each hour in excess of fifteen.....	2.00

A fee of \$1.00 is charged for registration on other than the days appointed for this purpose.

In case the student is compelled to withdraw before the middle of the quarter on account of illness, or for other imperative reason, \$5.00 of the fees paid are retained as an enrollment fee and \$4.00 per week for the period of attendance. After the middle of the quarter no refund will be made.

The Student Fund is applied as follows: \$1.00 to the Hospital Fund, 50 cents to the subscription for The Crescent, 40 cents for Student Government Association dues, 50 cents for the support of intercollegiate debate and oratory, 40 cents for examination and test paper, and \$2.00 for the support of Athletics. For students enrolling for fewer than ten recitation hours per week no fee is charged for the Student Fund, except for test paper. All persons paying the Student Fee are entitled to tickets admitting them to all debating and oratorical contests, and to all inter-collegiate athletic contests. The Student Fund fee for the Summer quarter will be announced in Summer quarter bulletin.

Children of ministers of the Gospel will be allowed a reduction of \$20.00 per quarter when enrolled for fifteen hours of work or more.

NET EXPENSE

The school and living expenses for the freshman out-of-town student in engineering, covering four quarters, will usually come within the following limits, the exact amount depending on the personal requirements of the individual:

	Minimum	Maximum
Tuition and Fees, four quarters, approximately.....	\$180.00	\$180.00
Books and Drawing Instruments.....	20.00	40.00
Board and Room, 48 weeks, \$5.00 to \$9.00 per week	240.00	432.00
Laundry and Miscellaneous.....	50.00	100.00
Total	\$490.00	\$752.00

Wages for Outside Work

Probable minimum, 25c per hour, 24 weeks of 44 hours each	264.00	
Probable maximum 45c per hour, 30 weeks of 55 hours		\$742.50
Net Expense	\$226.00	\$ 9.50

The above estimates are not accurate but will give the prospective student the figures on which to base his own personal estimate. Mature students, or those with considerable experience are often able to earn all their expenses. The average student, however, should have at the outset a minimum of about one hundred and fifty dollars to help him thru his freshman year. Should he earn a minimum wage with greater than minimum living expenses, this figure will be correspondingly higher. This should be in addition to allowances for clothes and travelling expenses. The expenses for succeeding years are about the same as for the freshman year, but, due to the increasing wages of the student, are more nearly off-set by the outside work.

COURSES AND DEGREES

Five Year Engineering Courses

Half time co-operative courses are offered in civil, electrical and mechanical engineering. Each curriculum includes prescribed courses in English, modern language or general history, biology, sociology, and economics, in addition to the pure and applied sciences of engineering. The opportunity is also offered to cover several additional courses in business management. The subjects in each curriculum and their sequence have been carefully chosen with the purpose of developing not only competent engineers, but the power of analysis, poise and breadth of vision, so essential to the engineers who, in increasing numbers, are being called into executive and administrative fields.

The technical instruction in college includes the work of the ordinary four-year technical courses as given in the leading universities, and conforms to their standards. None of the essential theory is omitted or abridged by the half-time plan, but on the contrary, two and one-half years of practical experience are gained. Students successfully completing these courses, therefore, will be granted the full degrees of Civil, Electrical, or Mechanical Engineer. Due to the half-time system, the courses cover five years of eleven months each, allowing each student vacations of about five weeks per year from both school and outside work, including one week of vacation at the holiday season, and several days at Easter.

Combination Arts-Engineering Course

(Four Years, Full Time or Six Quarters Full Time Plus Ten Quarters Half Time)

Many students do not expect to become professional engineers and yet plan to engage in one of the many business pursuits demanding

elementary technical knowledge. Such students may elect two years of Liberal Arts subjects and two years of work in the department of Engineering selected from the studies of the five-year professional courses, such a combination leading to the degree of Bachelor of Science in Arts-Engineering. Students taking this combination should plan their course in consultation with the Dean of the College, in order that they may be fully advised as to the pre-requisite studies. Any course given by the department of Engineering may be elected provided the student has satisfied all pre-requisites. A minimum of ninety term hours in either department will be considered as two years work. Other combinations than the half and half grouping mentioned above will be permitted if approved by the Dean of the College and the head of the department of Engineering.

Students electing the combination course may, if they desire, arrange with the head of the department of Engineering to take their two years of technical work on the co-operative basis. This will require two and one-half years of four quarters each.

THE PROBLEM OF SELECTING THE RIGHT COURSE

One of the most perplexing questions that the prospective college student must decide is the question of what course he shall take. Unfortunately, no information can be printed that will decide this for the student. Each case is a problem in itself. One most essential personal qualification in technical fields, however, seems to be a reasoning mind as contrasted with that which depends solely upon memory. The student with aptitude for algebra and geometry and physics in high school will usually be successful in the applications of these found in technical courses. Given the natural ability to reason combined with a dogged determination to "stick to it", almost any man can win success in a technical profession. In fact, the field is so large that trained students with widely divergent personal characteristics can find pursuits for which they are naturally adapted and in which they can win success and satisfaction.

Thus, the young man with qualities of leadership, with force, initiative and tact, may become a technical executive; the student with a definite but well controlled "wander-lust", the natural-born mixer, who makes the best of human contacts, may become a technical salesman; and the more settled painstaking youth with an eye for detail may develop into a competent designer. These three types of work will be found in every technical field whether civil, electrical or mechanical; and it is more important that the individual analyze himself as he progresses with the view of choosing between these types of work than that he make an immediate choice between the artificially separated branches of civil, electrical, and mechanical engineering.

To help the students in this self-analysis, various approved psychological and personal tests are given. The members of the faculty also closely observe each student's personal tendencies thruout the course, and consider it a pleasant duty to confer with individuals on the choice of their life work.

In order to acquaint students with the personal requirements of different pursuits, frequent lectures on this subject are given by members of the faculty and by outside business men and engineers.

To give the student more time to make his decision between the courses offered, the various curricula of the department of Engineering are made practically identical for the first three years. This is possible because the same fundamentals of science and mathematics underlie each.

Students choosing the Combination Arts-Engineering course (see page 71) will find the college officers ready to help them in planning such a group of courses as will be of most value to them in their prospective line of work.

OUTLINES OF PRESCRIBED COURSES

The prescribed courses in Civil, Electrical and Mechanical Engineering are practically identical for the first three years in order to permit students who so desire to change their course without loss of time. The schedules for the first three years are given below and are followed on pages 75-77 by the Junior and Senior year schedules.

FRESHMAN, SOPHOMORE AND PRE-JUNIOR SCHEDULES

For Civil, Electrical and Mechanical Engineering Students
(For Arts—Engineering Schedules, see page 78.)

	Freshman Year			
	Periods Per Week			
	Fall	Winter	Spring	Summer
Chemistry, 1-E	8	8	8	0
Math., 1-E, 2-E, 3-E (Algebra, Trig. and Anal. Geom.)	5	5	5	5
Production Engineering, E-6.....	2	2	2	
Mechanical Drawing, E-1.....	3	3		
Descriptive Geometry, E-3.....			3	4
Mechanics, Elementary, E-12.....				7
Coordination, E-30	1	1	1	1
Sociology, Soc. 1.....	1	1	1	
English, 9AE, (Inspection Trip Re- ports)	1	1	1	1
Total periods per week.....	21	21	21	18
Term hours credit.....	10½	10½	10½	6

	Sophomore Year			
	Periods Per Week			
	Fall	Winter	Spring	Summer
Physics, 1E, 2E.....	8	8	8	
Calculus, Math., 4E, 5E.....	5	5	5	5
English, 9AE, (Inspection Trip Re- ports)	1	1	1	1
Drawing (Machine or Architectural), E-2, E-4			4	
Coordination, E-31	1	1	1	1
Mechanism, E-10	3	3		
Mechanism Drawing, E-11.....	3	3		
Elementary Power Engineering, E-8..			3	5
Elementary Surveying, E-7.....				6
Total periods per week.....	21	21	22	18
Term hours credit.....	10½	10½	11	6

Pre-Junior Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Applied Mechanics, E-13.....	6	6		
Materials of Engineering, E-14.....	2	2		
Strength of Materials, E-15.....			6	6
Materials Testing Laboratory, E-16....			2	2
Graphic Statics, E-17.....			3	2
English, 10AE.....	3	3	3	
Metallurgy, E-22	2	2		
Direct Currents, with laboratory, E-24 and E-25	7	7		
Alternating Currents, with laboratory, E-26 and E-27.....			7	8
Coordination, E-32	1	1	1	$\frac{1}{2}$
Total periods per week.....	21	21	22	$18\frac{1}{2}$
Term hours credit.....	$10\frac{1}{2}$	$10\frac{1}{2}$	11	$6\frac{1}{6}$

JUNIOR AND SENIOR YEAR SCHEDULES

CIVIL ENGINEERING

Junior Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Economics, Econ. 10-E, (Industrial Society)	5	5		
Economics, Econ. 11-E, (Business Economics)			5	5
Modern Language or General History	5	5	5	
Hydraulics, E-19	4	4		
Hydraulic Machinery, E-20.....			4	
Structural Investigation, E-45.....	3	3		
Structural Design, E-46.....			3	3
Transit Surveying, E-41.....	4	4		
Topographical Surveying, E-42.....			4	4
Foundations, E-51				2
Cement Laboratory, E-53.....				2
Geology, E-54				3
Total periods per week.....	21	21	21	19
Term hours credit.....	$10\frac{1}{2}$	$10\frac{1}{2}$	$10\frac{1}{2}$	$6\frac{1}{3}$

Senior Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Economics, Econ. 20E, (Accounting)...	5	5		
Non-technical Elective	3	3		
Technical Elective, (C. E. Group).....	3	3	2	
Concrete, E-49	3	3	3	
Highway Engineering, E-55.....	2	2		
Municipal Engineering, E-57.....	3	3	3	
Sanitary Biology			4	
Applied Psychology			3	
Thesis, E-40			4	
Total periods per week.....	19	19	19	
Term hours credit.....	$9\frac{1}{2}$	$9\frac{1}{2}$	$9\frac{1}{2}$	

Senior Technical Electives for Civil Engineers

Three hours to be chosen thru Fall and Winter quarters and two hours for the Spring quarter in one of the following: Heating, Lighting and Ventilating, E-84; Advanced Surveying, E-43; Advanced Structural Design, E-47.

ELECTRICAL ENGINEERING

Junior Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Economics, Econ. 10-E, (Industrial Society)	5	5		
Economics, Econ. 11-E, (Business Economics)			5	5
Modern Language or General History	5	5	5	
Electric Power Plants, with laboratory, E-60, and E-61.....	6	6		
Heat Engineering, E-80.....			6	6
Hydraulics, E-19	4	4		
Hydraulic Machinery, E-20.....			4	
Design of Machine Parts, E-95.....				8
Total periods per week.....	20	20	20	19
Term hours credit.....	10	10	10	6½

Senior Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Power Transmission and Distribution, E-62	4	4		
Radio Communication, E-64.....			4	
Heating, Lighting and Ventilating, E-84	3	3	2	
Economics, Econ. 20-E, (Accounting)	5	5		
Sanitary Biology			4	
Technical Elective, (E. E. Group).....	4	4		
Applied Psychology			3	
Non-Technical Elective	3	3	3	
Thesis, E-40	1	1	4	
Total periods per week.....	20	20	20	
Term hours credit.....	10	10	10	

Senior Technical Electives for Electrical Engineers

Four hours to be chosen thru Fall and Winter quarters, in one of the following: Telephone Engineering, E-66; Illuminating Engineering, E-68; Electric Railway Engineering, E-70.

MECHANICAL ENGINEERING

Junior Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Economics, Econ. 10-E, (Industrial Society)	5	5		
Economics, Econ. 11-E, (Business Economics)			5	5
Modern Language or General History	5	5	5	
Steam Power Plant Engineering, with Laboratory, E-81 and E-82.....	6	6		
Heat Engineering, E-80.....			6	6
Hydraulics, E-19.....	4	4		
Hydraulic Machinery, E-20.....			4	
Design of Machine Parts, E-95.....				8
Total periods per week.....	20	20	20	19
Term hours credit.....	10	10	10	6½

Senior Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Machine Design, E-96.....	4	4	4	
Heating, Lighting and Ventilating, E-84	3	3	2	
Economics, Econ. 20-E., (Accounting)	5	5		
Sanitary Biology			4	
Technical Elective	4	4		
Applied Psychology			3	
Non-Technical Elective	3	3	3	
Thesis, E-40	1	1	4	
Total periods per week.....	20	20	20	
Term hours credit.....	10	10	10	

Senior Technical Electives for Mechanical Engineers

Four hours to be chosen thru Fall and Winter quarters

Fall Quarter

Gas Engineering, E-89.....	4
Steam Power Plant Design, E-83	4
Refrigeration Engineering, E-87	4
Production Problems, E-97..	4
Automotive Engineering, E-93	4

Winter Quarter

Gas Engineering Design, E-90	4
Heating and Ventilating Design, E-85	4
Engine and Turbine Design, E-92	4
Production Management, E-98	4
Machine Shop Tools, E-99....	4

ARTS-ENGINEERING

The program in Arts-Engineering is not rigidly prescribed, but is arranged according to the individual needs of the students. The following is suggested as a typical program covering four years, full time. If desired, the course may be taken on the cooperative plan, after the second year, requiring thereafter ten quarters of part-time work in college.

Freshman Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Mathematics 1, 2, 3.....	5	5	5	
English 1A	3	3	3	
Oral English 1.....	2	2	2	
Chemistry 1	5	5	5	
Sociology 1	1	1	1	
Total credit hours.....	16	16	16	

Sophomore Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Physics 1, 2.....	5	5	5	
French 1 or Spanish 1.....	5	5	5	
History	3	3	3	
Matl's of Engn., E-14.....	1	1		
Matl's Testing Laboratory, E-16.....			2	
Metallurgy, E-22	1	1		
Total credit hours.....	15	15	15	

Junior Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Economics 10, 11, 20.....	5	5	5	
French or Spanish.....	3	3	3	
Direct Currents, E-24-25.....	3½	3½		
Alternating Currents			6	
Mechanical Drawing	4	4		
Surveying			2	
Total credit hours.....	15½	15½	16	

Senior Year

	Periods Per Week			
	Fall	Winter	Spring	Summer
Applied Mechanics, E-13.....	3	3		
Elementary Power Engineering, E-8..	3	3		
Philosophy	5	5	5	
Elective	4	4	8	
Total credit hours.....	15	15	13	

COURSES OF INSTRUCTION

The prescribed and elective courses of the engineering curricula are herewith briefly outlined under two groups, "General" and "Engineering". All prescribed courses for Engineering students are given on the alternate bi-weekly plan as explained on page 64.

NOTATION: The number preceding the name of the course is the official course number used on the records. The Roman numeral following the name indicates in which year of the student's five-year engineering course the subject is scheduled. The letters f, w, sp, sm, indicate Fall, Winter, Spring, and Summer quarters respectively. Following this are given the number of recitation, laboratory, field, or drawing room periods per week during the alternate bi-weekly periods in college, and the number of term hours of credit received by the student at the completion of the course.

GENERAL COURSES

CHEMISTRY

- 1E. Inorganic Chemistry. I—f, w, sp—5 rec. and 3 lab. 12 credit hours.

This course consists of a systematic study of both the non-metallic elements and their compounds considered from the standpoint of the laws of chemical combination, equilibrium and the association theory. Special emphasis will be placed on the commercial preparation and use of various compounds and the relation of chemistry to man.

ECONOMICS AND BUSINESS TRAINING

- 10E. Industrial Society. IV—f, w—5. 5 credit hours.

A general and descriptive study of the industrial life of society. The student will view economic institutions as adapting themselves to human needs in getting a living. Such topics as exchange of goods, division of labor, property, contract, wage system, business organizations, concentration of wealth and control, competition and co-operation, motives in industry, and control of industry are studied.

- 11E. Business Economics. IV—sp, sm—5. 4½ credit hours.

A course intended to give the engineer a view of the business problems which the executive meets. It will include a study of personnel, employment department, market organization, market analysis and administration, financial devices and institutions, financial policies, production control, risk bearing, business organization and principles of administration. An engineer's report and an accountant's report on a business promotion will be analyzed. This course is a general survey course, intended as an introduction to the solution of business problems.

- 20E. Accounting. V—f, w—5. 5 credit hours.

A course dealing with the ordinary balance sheets and statements of profit and loss used in business, the uses to which these reports may be put, the method of their construction, the kinds of accounts needed in ordinary business and their

classification, and the technic of making original entries, transfers, and reports. This course gives the student the essential principles of ordinary accounts and methods of using them.

ENGLISH

- 9AE. Seminar. I and II—f, w, sp, sm—1. 3½ credit hours.

This course is designed to prepare the student for subsequent courses in English. It deals especially with the more common errors in sentence structure and usage, taking up the individual problems of the students as they appear in their written reports of freshman and sophomore inspection trips, eleven trips each year.

- 10AE. Engineering English. III—f, w, sp—3. 4½ credit hours.

In this course, emphasis is laid upon the mechanics of writing; upon the fundamental usages of grammar; and upon correct and forceful thought arrangement in sentences, paragraphs, and long compositions. It includes a study of methods of exposition and description and the theory of letter writing. The daily short themes and exercises and the occasional long themes are related, as closely as possible, to the student's outside work. Reading is required in order to interest the student in types of good literature.

FRENCH

- 1E. Elementary French. Optional. IV—f, w, sp—5. 7½ credit hours.

Elementary French grammar, followed by reader and easy tasks. Written and oral exercises. Practice in speaking and hearing French. Much attention is given to the pronunciation. In this first year's course the aim of the instructor is to give the student the principles of French grammar, a reading knowledge of texts of moderate difficulty, instruction in practical phonetics and ability to handle easy conversational phrases.

Open to students who have not presented French for admission.

- 2E. Second Year French. Optional. V—f, w, sp—3. 4½ credit hours.

Rapid review of elementary grammar; advanced grammar, syntax and composition; reading of selections from nineteenth century authors. Increased use of French in class.

Pre-requisite, French 1, or two years of high school French.

MATHEMATICS

0. Plane and Solid Geometry.

The course is of high school grade and is given to those with entrance conditions in mathematics. No credit is given toward graduation. The work will consist of plane or solid geometry, or of both, as the needs of the class may determine.

- 1E. College Algebra. I—f—5.

Pre-requisite, high school algebra and plane geometry.

- 2E. Trigonometry. I—w, sp—5.

Pre-requisite, Mathematics 1.

3E. Analytical Geometry. I—sm—5.

Pre-requisites: Mathematics 1 and 2.

Note: $9\frac{1}{2}$ credit hours are allowed for Mathematics 1, 2, 3.

4E, 5E. Calculus, Differential and Integral. II—f, w, sp, sm—5.
 $9\frac{1}{2}$ credit hours.

Pre-requisites: Mathematics 1, 2, 3.

PHYSICS**1E. General Physics. II—f, w, sp—6. 9 credit hours.**

(a) Fall quarter, Mechanics (continued from E12), Heat and Sound.

(b) Winter quarter, Magnetism, Static Electricity and Light.

(c) Spring quarter, Current Electricity.

2E. Laboratory Physics. II—f, w, sp—2. 3 credit hours.

This course supplements Physics 1E, but is to be registered for separately. It may be taken as a separate course when the student has had the work in Physics 1E or its equivalent.

SPANISH**1E. First Year Spanish. Optional. IV—f, w, sp—5. $7\frac{1}{2}$ credit hours.**

Elementary grammar and reading course. Pronunciation, forms, idioms, translation, composition. Drills in verb forms and idioms. Spanish is used in the class room as far as possible.

Open to students who have not presented Spanish for admission.

2E. Second Year Spanish. Optional. V—f, w, sp—3.

Continuation of grammar. Emphasis on composition and conversation. In the third term commercial Spanish. Readings in class of novels from modern authors.

Pre-requisite, Spanish 1, or two years of high school Spanish.

ENGINEERING COURSES

Nos. 1-40, Prescribed For All Engineers.

(Only subjects marked with an asterisk (*) are usually prescribed for students in the Arts-Engineering course).

***E1. Mechanical Drawing. I—f, w—3. 3 credit hours.**

Free-hand lettering and sketching. Use of instruments. Projections and pictorial representations. Conventional details. Developments.

E2. Machine Drawing. II—sp—4. 2 credit hours.

Detail working drawings from measurements of machines or machine parts. Assembly drawings.

(Civil Engineering students have choice of this course or E4 below.)

Pre-requisite: Mechanical Drawing E1.

E3. Descriptive Geometry. I—sp—3; sm—4. $2\frac{5}{8}$ credit hours.

Problems involving relations of points, lines and planes. Intersections and developments. Practical applications.

Pre-requisites: Plane and Solid Geometry, Mechanical Drawing E-1.

E4. Architectural Drawing. II—sp—4. 2 credit hours.

Working drawings for construction projects. Detailing of girders, trusses and building plans. Architectural conventions. This course is recommended for C. E. students in place of Machine Drawing E2 above.

Pre-requisite, Mechanical Drawing E1.

***E6. Production Engineering. I—f, w, sp—2. 3 credit hours.**

A survey course broadly covering general methods of mechanical production.

(a) Fall quarter—Molding. Equipment and operation of iron, steel and brass foundries. Economy in design of castings.

(b) Winter quarter—Metal cutting. Standard machine tool operations. Economical routing of work. Jigs, fixtures and attachments.

(c) Spring quarter—Miscellaneous production processes—Forging, stamping, pressing, rolling, extrusion, die casting, etc. Fits and tolerances.

Co-requisites: Coordination and English 9AE (with inspection trips).

***E7. Elementary Surveying. II—sm—6. 2 credit hours.**

The theory, use and adjustments of the transit and level. Training in the proper method of taking notes. Sufficient practical surveying problems to make the student thoroly familiar with the use of the two instruments.

Pre-requisite, Mathematics 2E (Trigonometry).

***E8. Elementary Power Engineering. II—sp—3; sm—5. 3½ credit hours.**

The elements of simple and complete steam power plants, including various types of boiler furnaces and engines. Fuels and combustion; use of steam tables. Internal combustion engines and gas producers. Power measurements.

Pre-requisites: Physics 1E, 2E, Chemistry 1E.

E10. Mechanism. II—f, w—3. 3 credit hours.

A class room course in the kinematics of machinery, a study of the various means of transmitting and modifying machine motions by gears, links, cams, etc.

E11. Mechanism Drawing. II—f, w—3. 3 credit hours.

A drawing room course to accompany E10 above. The layout of mechanisms and motion diagrams. Velocity and acceleration curves.

Pre-requisite: Mechanical Drawing E1.

Co-requisite: Mechanism E10.

***E12. Elementary Mechanics. I—sm—7. 2½ credit hours.**

This course is intended to introduce the student to some of the actual problems of mechanics as they present themselves to an engineer. It plans to prepare the student for the more complete course in Mechanics E13, and also to cover part of mechanics as given in any general course in physics, thus preparing for part (a) of Physics 1E which follows this course and which it supplements.

***E13. Applied Mechanics. III—f, w—6. 6 credit hours.**

A study of the following subjects with the solution of a large

number of practical problems: kinematics; the laws of motion; work, power and energy; center of gravity with applications; moments of inertia.

Pre-requisites: Mathematics 1, 2, 3, 4, 5; Elementary Mechanics E12.

***E14. Materials of Engineering.** III—f, w—2. 2 credit hours.

A descriptive study of the manufacture, preparation, properties and uses of common materials of construction, including wood, metals, cements, mortars, brick, terra cotta, etc.

E15. Strength of Materials. III—sp, sm—6. 5 credit hours.

A study of the following subjects, with the solution of a large number of practical problems: stresses; stresses beyond the elastic limit; shear; riveted joints; torsion; reactions, bending moments, shear and deflection of beams, with diagrams of each; columns and the use of the various column formulas. Pre-requisite: Applied Mechanics E13.

***E16. Materials Testing Laboratory.** III—sp, sm—2. 1½ credit hours.

Tensile, compressive, transverse and torsional tests of common woods and metals. Standard methods of testing.

Pre-requisite: Materials of Engineering E14.

Accompanies Strength of Materials E15.

E17. Graphic Statics. III—sp—3; sm—2. 2½ credit hours.

A study of the graphical representations of vector quantities, with special emphasis on the use of the funicular polygon in solving the following: reactions, bending moments and deflections of beams and trusses under various loadings; centroids of area and volume; moments; moments of inertia.

Pre-requisite, Applied Mechanics E13.

Accompanies Strength of Materials E15.

E19. Hydraulics. IV—f, w—4. 4 credit hours.

Flotation, pressures on gates and dams. Theory of flow of water thru orifices, tubes, pipes, and channels. Hydraulic machinery.

Pre-requisites: Mathematics 1, 2, 3, 4, 5; Physics 1E.

E20. Hydraulic Machinery. IV—sp—4. 2 credit hours.

A continuation of E19. The theory, design and use of turbines, pumps, presses and other hydraulic machinery.

Pre-requisite, Hydraulics E19.

***E22. Metallurgy.** III—f, w—2. 2 credit hours.

The general metallurgy of iron and steel; extraction, manufacture, properties and specifications. Mechanical and heat treatments. The solution theory.

Pre-requisites: Chemistry 1 and Materials of Engineering E14.

***E24. Direct Currents.** III—f, w—5. 5 credit hours.

Principles of electricity and magnetism; electric and magnetic circuits; direct current generators and motors; storage batteries; industrial application of direct current machinery. Pre-requisite: Physics 1, 2.

***E25. Direct Currents Laboratory.** III—f, w—2. 2 credit hours.

This course includes the various practical tests on direct current machines and supplements the theoretical work given in

Course E24, which it accompanies.

- *E26. Alternating Currents. III—sp—5; sm—6. 4½ credit hours.
Alternating electromotive force and current; resistance, inductance and capacity in alternating current circuits, graphical and analytical treatment; theory of alternating current generators and motors; industrial applications of alternating current machinery.
Pre-requisites: Mathematics 1, 2, 3, 4; Direct Currents, E24.

- *E27. Alternating Currents Laboratory. III—sp, sm—2. 1½ credit hours.

To accompany preceding course.

- E30. Coordination (see below). I—f, w, sp, sm—1. 1½ credit hours.

- E31. Coordination (see below). II—f, w, sp, sm—1. 1½ credit hours.

- E32. Coordination (see below). III—f, w, sp—1; sm—½. 1½ credit hours.

Courses E30-E32 are to accompany all outside work and include discussions of questions arising in connection with such work, both practical and theoretical. The study is largely individual in nature and is assigned by instructors who are familiar with the outside work of the individual students. Thru the medium of this course each student secures some knowledge and benefit from the work of every other student in the class, as well as direct coordination of his own work with the subjects studied in his various classes. Where desirable, students are organized in small groups according to the nature of their outside employment, in order that their discussions may be more detailed than would be possible before the entire class.

- E35. Cooperative Employment. First year. (See below).

- E36. Cooperative Employment. Second year. (See below).

- E37. Cooperative Employment. Third year. (See below).

- E38. Cooperative Employment. Fourth year. (See below).

- E39. Cooperative Employment. Fifth year.

Beginning 1923-24, grades will be assigned for the work of the student on his outside cooperative employment, as determined jointly by the coordinating instructors and the foremen and superintendents. Personal qualifications, effort and the ability of the student will all be considered. Students making low grades in employment will be given the reasons for same, with all possible frankness. Five years of half time employment, assigned, supervised and coordinated by the College, is required of all candidates for the full engineering degrees.

- E40. Thesis. M. E. and E. E.; V—f, w—1; sp—4. C. E.: V—f, w—1; sp—4.

The completion of a satisfactory thesis in prescribed form, c

its equivalent, is required of all candidates for an engineering degree.

COURSES FOR CIVIL ENGINEERS

Junior and Senior Years

(See also courses 1-40)

- E41. Transit Surveying.** IV—f, w—4. 4 credit hours.
Continuation of Surveying E7. The surveying and computation of areas, with maps of same. Curves, switches and frogs. Special training in the use of the transit.
Pre-requisite: Elementary Surveying E7.
- E42. Topographical Surveying.** IV—sp, sm—4. 3½ credit hours.
Profiles, cross sections and computation of earth work; contour maps. Special training in the use of the level, stadia and plane table.
Pre-requisite: Elementary Surveying E7.
- E43. Advanced Surveying.** Elective. V—f, w—3; sp—2. 4 credit hours.
Astronomical observations and calculations, with the necessary spherical trigonometry. Mine surveying. Brief course in Geodetic surveying.
Pre-requisites: Transit Surveying E41; Topographical Surveying E42.
- E45. Structural Investigation.** IV—f, w—3. 3 credit hours.
A continuation of the courses in Strength of Materials and Graphic Statics. The stresses in the various members of bridge and roof trusses under static and moving loads are investigated analytically and graphically. A study of continuous beams.
Pre-requisites: Strength of Materials E15 and Graphic Statics E17.
- E46. Structural Design.** IV—sp, sm—3. 2½ credit hours.
The design and detailing of a plate girder, roof truss and bridge truss.
Pre-requisite, Structural Investigation E45.
- E47. Advanced Structural Design.** Elective. V—f, w—3; sp—2. 4 credit hours.
Principles governing the design of arches, retaining walls, foundations, piers and abutments, with detail design of structures.
Pre-requisites: Structural Design E46, Concrete E49, and Foundations E51.
- E49. Concrete.** V—f, w, sp—3. 4½ credit hours.
Plain and reinforced concrete design and construction. The theory of concrete design with the design of concrete structure. Lectures on concrete construction.
Pre-requisite: Structural Investigation E45.
- E51. Foundations.** IV—sm—2. ¾ credit hour.
A descriptive course covering the various types of foundations and their construction.
- E53. Cement Laboratory.** IV—sm—2. ¾ credit hour.

Standard laboratory tests of cement, mortar and concrete.
Experimental investigations.

E54. Geology. IV—sm—3. 1 credit hour.

A course designed to cover the fundamentals of geology. A study is made of the various materials making up the earth's crust and how each was formed. The whole subject is treated primarily from the point of view of the engineer, with special emphasis on the economic phases.

E55. Highway Engineering. V—f, w—2. 2 credit hours.

A study of the surveys and plans, and the design, construction and maintenance of various types of roads.

Pre-requisites: Transit Surveying E41; Topographical Surveying E42.

E57. Municipal Engineering. V—f, w, sp—3. 4½ credit hours.

(a) Water Supply—The design and construction of a water works system for a small city. Study of the possible sources of supply with their economic advantages; methods of collection and distribution.

(b) Sewerage—The design and construction of storm, sanitary and combined sewerage systems for a small city. Study of the laws of flow and run-off; plans, construction methods, specifications and costs.

Pre-requisites: Hydraulics E19 and Topographical Surveying E42.

COURSES FOR ELECTRICAL ENGINEERS

Junior and Senior Years

(See also courses 1-40)

E60. Electric Power Plants. IV—f, w—4. 4 credit hours.

Location of central and substations; general arrangement of prime movers and auxiliary apparatus for steam-electric and hydro-electric plants; selection of generating units; switch gear, station wiring; inspection trips.

Pre-requisites: Alternating Currents E26 and Elementary Power Engineering E8.

E61. Electric Power Laboratory. IV—f, w—2. 2 credit hours.

To accompany preceding course E60.

E62. Power Transmission and Distribution. V—f, w—4. 4 credit hours.

Systems of transmission and distribution; general requirements, mechanical design; poles, towers, insulators, conductors, erection, control and protection. Underground lines.

Pre-requisite: Alternating Currents E26.

E64. Radio Communication. V—sp—4. 2 credit hours.

The fundamental principles underlying radio telegraphy and telephony. Construction and use of equipment.

Pre-requisite: Alternating Currents E26.

E66. Telephone Engineering. Elective. V—f, w—4. 4 credit hours.

Fundamental principles and practices of telephony, both local

and long distance, with special emphasis on electrical and economic problems involved.

Pre-requisite: Alternating Currents E26. Practical experience in telephone work is desirable, tho not required, for students taking this course.

E68. Illuminating Engineering. Elective. V—f, w—4. 4 credit hours.
The theory and design of correct illumination for interiors and exteriors, including streets, playgrounds, homes, public buildings, offices and factories. Photometric standards, costs.
Pre-requisite: Alternating Currents E26.

E70. Electric Railway Engineering. Elective. V—f, w—4. 4 credit hours.
Forces acting on a train; electric rolling stock; energy requirements, motor capacity, systems of control; direct versus alternating current; electricity versus steam.
Pre-requisite: Alternating Currents E26.

E80, E84, E95. See below for descriptions.

COURSES FOR MECHANICAL ENGINEERS

Junior and Senior Years

(See also courses 1-40)

E80. Heat Engineering. IV—sp, sm—6. 5 credit hours.
Thermodynamics of gases, saturated vapors and super-heated steam. Application to industrial and engineering problems, including engines, compressors and refrigerating machinery.
Pre-requisites: Mathematics 1, 2, 3, 4, 5; Elementary Power Engineering E8.

E81. Steam Power Plant Engineering. IV—f, w—4. 4 credit hours.
A detailed study of steam power equipment, including boiler furnaces, chimneys, engines, turbines, pumps, heaters, condensers and small auxiliaries. Problems in design and economical operation of separate units.
Pre-requisite: Elementary Power Engineering E8.

E82. Power Plant Laboratory. IV—f, w—2. 2 credit hours.
Laboratory tests and measurements of steam, flue gases, chimney draft, and boiler plant efficiencies. To accompany E81 above.
Pre-requisite: Elementary Power Engineering E8.

E83. Steam Power Plant Design. Elective. V—f—4. 2 credit hours.
Problems connected with the design and lay-out of a complete steam power plant.
Pre-requisites: Heat Engineering E80 and Steam Power Plant Engineering E81.

E84. Heating, Lighting and Ventilating. V—f, w—3; sp—2. 4 credit hours.
(Elective for C. E. students, required of E. E. and M. E. students.)
Systems and equipment for heating, lighting and ventilating homes, public buildings and industrial plants, with problems. Exhaust and air conditioning systems.
Pre-requisites: Heat Engineering E80; Alternating Currents E26.

- E85. Heating and Ventilating Design.** Elective. V—w—4. 2 credit hours.
The complete design, with data and specifications, of a heating and ventilating system for an assigned building.
Pre-requisite: Heating, Lighting and Ventilating E84.
- E87. Refrigerating Engineering.** Elective. V—f—4. 2 credit hours.
Pre-requisite: Heat Engineering E80.
- E89. Gas Engineering.** Elective. V—f—4. 2 credit hours.
A study of designs of modern gas and oil engines. Fuels, combustion, power, efficiency and losses. Producer gas equipment. Gas manufacture and distribution.
Pre-requisite: Heat Engineering E80.
- E90. Gas Engineering Design.** Elective. V—w—4. 2 credit hours.
The complete design of an assigned automotive or industrial type of internal combustion engine, or of designated gas manufacturing equipment.
Pre-requisite: Gas Engineering E89.
- E92. Engine and Turbine Design.** Elective. V—w—4. 2 credit hours.
Theory and problems in the design of modern types of steam engines and turbines.
Pre-requisite: Heat Engineering E80.
- E93. Automotive Engineering.** Elective. V—f—4. 2 credit hours.
Theory and problems underlying the design and manufacture of the modern automobile.
Pre-requisites: Production Engineering E6 and Design of Machine Parts E95.
- E95. Design of Machine Parts.** IV—sm—8. 2½ credit hours.
(Elective for C. E. students, required of E. E. and M. E. students.)
Elementary problems in the design of gearing, shafting, bearings, fly wheels, cylinders, and other machine parts.
Pre-requisites: Mechanism E10, Mechanism Drawing E11, Applied Mechanics E13, Materials of Engineering E14, and Strength of Materials E15.
- E96. Machine Design.** V—f, w, sp—4. 2 credit hours.
The complete design of one or more assigned machines.
Pre-requisite: Design of Machine Parts E95.
- E97. Production Problems.** Elective. V—f—4. 2 credit hours.
Problems in economical planning of work. Putting new work in production. Machine set-ups for difficult work. Calculations in simple, differential and compound indexing. Power drives and transmissions. Standardization and maintenance.
Pre-requisite: Production Engineering E6 and at least two years (half time) of practical experience in mechanical work.
- E98. Production Management.** Elective. V—w—4. 2 credit hours.
Motion study and time setting, wage systems, time and stock systems, routing of work and factory lay-outs.
Pre-requisites: Coordination E30-33, two years.
- E99. Machine Shop Tools.** Elective. V—w—4. 2 credit hours.
The theory and analysis of present accepted practices of cutting metal. Methods of attaining and measuring accuracy in machine work.
Pre-requisites: Coordination E30-33, two years.

DEPARTMENT OF BUSINESS ADMINISTRATION

AIM OF THE DEPARTMENT

The work in Business Administration provides a thoro training in business and at the same time a liberal education. The course is planned to follow high school training, whether or not the student took a commercial course in high school. It is much broader and more fundamental than such courses as "business colleges" have to offer, in that it is designed to give the student a view of all phases of business problems. It is intended to give such training as a business executive will need, with the expectation that the student with ability and ambition will develop into an executive. The course will put the student in an advantageous position for beginning his business career. If the student expects to follow business in any capacity, or law, he will find this course well adapted to the training desired. Many of the courses are open to the general student also.

RELATION TO PRACTICAL AFFAIRS

The College is admirably situated in a city of 100,000 people and many industries, and the students are expected to take advantage of the opportunities that such a city affords. A close co-operation is being developed between the business interests of the city and surrounding territory and the department of Business Administration. Students will not only come in contact with practical affairs, but will have opportunity to earn their way at the same time. Visits are made to banks and other business houses, and business men further co-operate with the department by coming to the College to address the students. The faculty of the department seeks to serve the business interests of the city by conducting classes for business men, with the co-operation of the Chamber of Commerce of Evansville.

The Business Administration Club is an organization of students and faculty in the department of Economics and Business Administration. It is organized along the lines of a corporation, with a board of directors. This club provides bi-weekly programs for the students, and brings them more directly in contact with business men in the city. Opportunity for meeting business men is afforded at these meetings of the club.

REQUIREMENTS AND DEGREES

Any graduate of a commissioned high school, or person with equivalent training, may enter this department. The degree of Bachelor of Science in Business Administration will be given to those who successfully complete the course of study required. One-half of the course is given to professional studies in business and economics, i. e., ninety hours of the one hundred eighty required for graduation. Sixty hours are required in English, natural science, psychology, social science, and philosophy. The remaining thirty hours may be used as a variable elective to meet the needs of the individual student. While foreign language is not required, it is possible to elect thirty hours in this field. Students who expect to enter foreign countries to work, or who expect to carry on post-graduate study, will want to elect foreign language.

A student wishing the degree of Bachelor of Arts, and majoring in economics, may elect a minimum of thirty-six hours in economics

and business administration. Students in education may select economics as one of their major or minor subjects, and receive the degree of Bachelor of Science in Education upon the completion of the work.

The following is the course of study as outlined at present. More specialized curricula will be provided as the department develops.

COURSE OF STUDY IN BUSINESS ADMINISTRATION

First Year		Second Year	
Autumn Quarter		Autumn Quarter	
Industrial Society 10.....	5	Banking 30	5
Accounting 20	5	Risk and Insurance 40.....	5
English 1A	3	A Natural Science.....	5
Oral English 1.....	2		
Sociology 1	1	Winter Quarter	
Winter Quarter		Business Statistics 31.....	3
Business Economics 11.....	5	Business Cycles 32.....	2
Accounting 21	5	Public Finance and Taxa- tion 50	5
English 1A	3	A Natural Science.....	5
Oral English 1.....	2		
Sociology 1	1	Spring Quarter	
Spring Quarter		Corporation Finance 33.....	5
General and Agricultural Economics 12	5	Secretaryship 60	2
Cost Accounting 22.....	3	Foreign Exchange 34.....	3
Budgeting 23	2	A Natural Science.....	5
English 1A	3		
Oral English 1.....	2		
Sociology 1	1		
		Fourth Year	
Third Year		Autumn Quarter	
Autumn Quarter		Domestic and Foreign Trade 73	4
Business Law 90.....	5	Business Research 100.....	1
Philosophy 11 (Psychology)	5	Philosophy 3	5
Elective	5	Elective	5
Winter Quarter		Winter Quarter	
Retail Administration	3	Rail and Ocean Transporta- tion 74	4
Purchasing 71	2	Business Research 101.....	1
Sociology	5	Philosophy 3	5
Elective	5	Elective	5
Spring Quarter		Spring Quarter	
Advertising 72	3	Sales Administration 75.....	2
Credits and Collections 35....	2	Personnel Administration 80	2
History	5	Business Research 102.....	1
Elective	5	Philosophy 3	5
		Elective	5

COURSES OF INSTRUCTION

The accompanying outline of courses in Business Administration is suggestive of the scope of the work as planned.

The courses should be taken, if possible, in the sequence outlined in the schedule, page 89. Courses 10, 11, 12, 30, 31, 32, 34, 75, and possibly 33, will be given in 1923-24.

10. **Industrial Society.** A general and descriptive study of the industrial life of society. The student will view economic institutions as adapting themselves to human needs in getting a living. Such topics as exchange of goods, division of labor, property, contract, wage system, business organization, concentration of wealth and control, competition and co-operation, motives in industry, and control of industry are studied.

Five hours. Quarter I. Quarter IV.

11. **Business Economics.** Designed to make the student aware of the problems confronting those who carry on the various industrial activities. It deals with such problems as personnel, marketing, financing, producing, risk bearing, organization and general administration. This course is of sufficient general interest to be of value to students not majoring in business administration.

Five hours. Quarter II.

12. **General and Agricultural Economics.** A course in the natural and institutional forces determining the relative value of goods, the functioning of supply and demand in determining price, and the method by which price determines what share of goods will go to the various classes of producers. International markets, density and movements of population, flow of capital and investment, and the effects of legislation upon the direction of activities and the free play of economic forces, will receive attention.

Special attention will be given to some of the major problems in rural economy, such as markets, credits and speculation.

Five hours. Quarter III.

- 20 and 21. **Accounting I and II.** These courses deal with the balance sheet and profit and loss statements in their various forms and uses, the methods of constructing them, the accounting procedure and technic by which the information is collected, recorded, and carried on the books, and with the various kinds of books needed in accounting. Both partnership and corporation accounting will be studied. Sufficient practical problems will be given to make the principles clear. These courses provide the first foundations for accounting and auditorship, and provide a ready means for entrance into some of the simpler business positions.

Five hours for each quarter. Quarters I and II.

22. **Cost Accounting.** This course deals with the methods of finding the unit costs of producing or handling a product. It includes

a study of control of material, labor costs, overhead, unearned burden, and the assembly, recording, and distribution of costs.

Three hours. Quarter III.

23. **Budgeting.** A course dealing with the necessary estimates of income and expenses, and the methods of making out these budgets. The sales budget is taken as a beginning, and the various budgets or estimates are subordinated to the sales budget. Consideration is given to planning the operations in view of the stage of business conditions or the business cycle. It is of particular value to those who are required to plan income or expenditures.

Two hours. Quarter III.

30. **Banking.** Designed not only to give the student a view of the banking system and its relations to the general financial structure, but also to make the student acquainted with the various services banks render. The center of the study is the commercial bank, but the study will include a survey of other financial institutions and monetary principles. Visits will be made to the local banks, and sufficient attention will be given to practical banking to give the student a fairly good understanding of some of the major problems.

Five hours. Quarter I.

31. **Business Statistics.** Deals with methods of collecting, classifying, tabulating, recording, and presenting business facts of a statistical nature. It is one of the most fundamental of business studies. It attempts to give an understanding of the use and interpretation of figures and graphs, and to detect bias and falsity in the presentation of facts.

Three hours. Quarter II.

32. **Business Cycles.** Deals with the ebb and flow of business, and the causes of such changes. It deals with the main indices of changing conditions, and attempts to lay down some principles that will aid in forecasting business conditions.

Two hours. Quarter II.

33. **Corporation Finance.** Deals with the principles and methods relating to the borrowing and lending of money for long periods of time. It includes a study of the various kinds of stocks and bonds, mortgages, financial management and accounting, capitalization, dividend policy, margin of safety, promotion, underwriting, marketing of securities, reorganization, "high finance", and some of the principles of investment.

Five hours. Quarter III.

34. **Foreign Exchange.** Deals with the methods of transferring funds from a country with one kind of currency to another country with another kind of currency, and with the principles underlying rates of exchange. Special attention will be given to depreciated exchanges, and to the methods of financing foreign trade where one of the currencies is depreciated.

Three hours. Quarter III.

35. **Credits and Collections.** This course will deal with credit terms, credit documents and instruments, gathering credit information, analysis of credit information, and the administration of

the credit department. Attention will be given to wholesale and retail businesses.

Two hours. Quarter III.

40. **Risk and Insurance.** Deals with the various kinds of risks and hazards, how to measure the hazards, and approved methods of lessening, bearing, and transferring risks. The various kinds of insurance policies will be studied, and the general organization of the insurance institutions will be noted.

Five hours. Quarter I.

50. **Public Finance and Taxation.** Designed to give an understanding of the various methods of raising public funds, and to lay down principles of taxation. The various kinds of taxes and approved methods of administering tax systems will be studied. Particular attention will be given to state tax reforms and to income taxes.

Five hours. Quarter II.

60. **Secretaryship.** Deals with the scope of the duties of a secretary, and trains for assuming the duties of a secretary. Deals with problems of correspondence, filing, records, personnel, and relations with the public.

Two hours. Quarter III.

70. **Retail Administration.** Designed to acquaint the student with the management of department stores. Deals with stock keeping, stock turnover, inventory taking, profit computation, departmental costs, display and personnel.

Three hours. Quarter II.

71. **Purchasing.** A course in the organization for purchasing, administration of purchases, specifications, testing, storing, and shipping. This course supplements course 70, but is broader in scope than retail purchasing.

Two hours. Quarter II.

72. **Advertising.** Deals with the various mediums of advertising, as posters, signs, magazines, papers, campaigns, samples, etc. Study will be made of the various appeals, and the means of creating desire. Stress will be placed on the proper function of advertising. Practice will be given in writing "copy".

Three hours. Quarter III.

73. **Domestic and Foreign Trade.** Deals with natural resources, volume of trade, direction of trade, nature of products, national customs as affecting trade, commercial practices, trade channels, and commercial treaties. Some attention will be given to the advantages of trade, and to means of promoting the extension of trade. Present methods of marketing will be examined with a view to understanding the conditions which would make for improvement in marketing methods.

Four hours. Quarter I.

74. **Rail and Ocean Transportation.** Designed to give a knowledge of transportation means, routes, organization, and costs. Deals also with rate classifications, traffic associations, rate making, differentials, port and river terminals, terminal problems, traffic departments, transportation companies, shipping documents, and government regulation.

Four hours. Quarter II.

75. **Sales Administration.** Deals with channels of distribution, trade marks, analysis of product, analysis of the market, sales organization, training of salesmen, control of sales, and how to co-ordinate sales and production. This course will acquaint the student with standard methods of conducting a selling department.

Two hours. Quarter III.

80. **Personnel Administration.** This course deals with the problems incident to keeping an efficient and contented body of employees. It deals with labor turnover, welfare work, personnel department and its functions, and some of the cases where the employers and employees have worked together most harmoniously.

Two hours. Quarter III.

90. **Business Law.** A general survey course covering the major fields of business law. It includes a study of contracts, sales, warranties, bailments, insurance, deposits, bills and notes, checks, agents, employer's liability, partnerships, corporations, real property, and personal property.

Five hours. Quarter I.

- 100, 101, and 102. **Business Research.** This course is planned to give the student experience in investigating some topic in business. It is given one hour a week thruout the year. The industries of the city and the libraries will provide abundant material for purposes of research. This course is designed to give the student opportunity to test his ability in applying the results of his training, and it is expected that a creditable showing will be made along this line.

One hour each quarter for three quarters, I, II, and III.

DEPARTMENT OF RELIGIOUS EDUCATION AND SOCIAL SERVICE

The Department of Religious Education and Social Service in conjunction with the College of Liberal Arts, offers courses leading to the Degree of Bachelor of Science in Religious Education. The purpose of these courses is to train those students who wish definitely to engage in the field of Christian work or social service apart from the ministry. Evansville College recognizes the growing demand for workers for churches who have been trained to become directors of religious education, pastor's assistants or welfare workers.

The courses are arranged to give thoro training in this field. Approximately one-half of the course is made up of prescribed studies lying distinctly within the field of religious education or social service. About one-third of the work is in courses providing a common background for all degrees given in the institution. This work is from the departments of English, Biology, Psychology, Sociology and Philosophy. The remainder of the work leading to the degree may be elected by the student from any courses offered in the institution.

The course also provides for training in the department of Physical Education, to the end that graduates will be competent to undertake the management of gymnasiums, and to be familiar with all sorts of organizations for boys and girls, such as Boy Scouts, Campfire Girls and Y. M. C. A. and Y. W. C. A. clubs. Each student will be required to do field work in the city of Evansville. The many large churches of the city working on modern programs afford ample laboratory facilities in which the students may have at first hand actual practice work. Each student will be required thruout at least one year to carry on some definite piece of work, such as teaching a Sunday school class, leading an organization of Boy Scouts or Campfire Girls, or having charge of the athletic activities of a church. For those training for social service, some special piece of work, assigned by a community welfare association of Evansville, will be required.

Evansville affords a unique opportunity for students to study the problem of week day religious instruction. For four years, under the direction of the head of the department of English Bible and Religious Education of Evansville College, a community school of Religious Education has been carried on in the city. Two classes have graduated from this school. For next year a full time director will be in charge of this school, and thru its activities, plans are now being laid for the establishment of week day religious schools thruout the city. Candidates for the Degree of Bachelor of Science in Religious Education will be expected to do practice teaching in these week day religious schools.

Courses leading to this degree are so arranged that mature students capable of doing college work, but who, because of failure to meet college entrance requirements, are not candidates for a degree, may spend one year or two years with profit. This will apply to those looking forward to the ministry. Such students will do well to study the opportunities afforded here.

The establishment of this course of training, leading to the degree of Bachelor of Science in Religious Education is a definite recog-

nition on the part of Evansville College of the growing demands of the Church. The College feels that the need for such a course is so urgent that many students will wish to avail themselves of this opportunity. Few colleges are as favorably situated to give students so thoro a training for definite Christian service.

It should not be concluded from the above that a student may not major in Bible or religious education and receive the degree of Bachelor of Arts. Students interested in these fields may receive the Arts degree by meeting the conditions prescribed for the degree as given on pages 26-28. Many will wish to do this, deferring professional courses to the graduate school.

Candidates for the degree of Bachelor of Science in Religious Education (or Social Service) are admitted on the basis of graduation from a commissioned high school. They must include in their course the following:

- (1) A major of at least thirty hours and a minor in a closely related field of at least fifteen hours. The major should be in religious education or social studies.
- (2) The following group requirements:
 - (a) English 1A and Oral English 1—fifteen hours;
 - (b) Biology (Zoology 1A)—fifteen hours;
 - (c) Psychology (Philosophy 11) and social science—fifteen hours;
 - (d) Philosophy (Philosophy 3)—fifteen hours;
 - (e) Sociology 1, three hours; and physical education, two hours a week thru the freshman and sophomore years.

Students are expected to advise with the head of the department of Religious Education in planning their courses. The following curriculum has been outlined for the degree in Religious Education. Students desiring to major in social service will substitute work in that field for certain courses in religious education.

COURSE IN RELIGIOUS EDUCATION

First Year

Autumn Quarter

Education 1	4
English 1A	3
Oral English 1.....	2
*Bible 2	5
Sociology 1	1
Physical Education	2

Winter Quarter

Education 2	4
English 1A	3
Oral English 1.....	2
*Bible 3	5
Sociology 1	1
Physical Education	2

Spring Quarter

Education 4	4
English 1A	3
Oral English 1.....	2
*Bible 8	5
Sociology 1	1
Physical Education	2

Second Year

Autumn Quarter

*Religious Education 12.....	4
Oral English 2.....	2
Literature or History.....	3
Zoology 1A	5
Physical Education	2

Winter Quarter

*Religious Education 13.....	4
Oral English 3.....	2
Literature or History.....	3
Zoology 1A	5
Physical Education	2

Spring Quarter

*Religious Education 11.....	4
Oral English 4.....	2
Literature or History.....	3
Zoology 1A	5
Physical Education	2

* Bible 2, 3 and 8 will alternate with Religious Education 12, 13 and 11.

Third Year*Autumn Quarter**

Sociology 2	5
Comparative Religions	5
Elective	5

Winter Quarter

Economics 12	5
Church History	5
Elective	5

Spring Quarter

Sociology	5
†Methodist History	5
Elective	5

Fourth Year*Autumn Quarter**

Philosophy 3	5
Philosophy 1A	3
Practice Seminar	2
Elective	5

Winter Quarter

Philosophy 3	5
Philosophy 1A	3
Practice Seminar	2
Elective	5

Spring Quarter

Philosophy 3	5
Philosophy 1A	3
Practice Seminar	2
Elective	5

* The third year of the course in Religious Education will be offered in 1924-25; the fourth year in 1925-26.

† Students preparing for work in other than Methodist churches may substitute other courses instead of Methodist History.

DEPARTMENT OF MUSIC

Music is coming to be an almost indispensable factor in the life of a cultured American community. There has never been a time when the well-trained professional musician could exercise more influence than today. More and more the public is coming to realize the stamp of worth conferred by exact and thoro preparation.

Realizing the value and necessity of such preparation, Evansville College secured as director of the department of Music Professor Herbert L. Heidecker. He began his work in September, 1922, and during the year has re-organized the department, securing for it recognition in the cultural life of the community and in surrounding states. The number of students has more than tripled since the beginning of the year. The accommodations of the downtown studio have already become overcrowded, so that plans are under consideration for securing more commodious quarters in the near future. In addition to the work in the College and among the music students living in and coming to Evansville, branch departments have been established in several surrounding cities. Requests for extension work in other communities indicate the growing interest in the work of the department.

Professor Heidecker, the director of the department, is a recognized vocal specialist. After extensive European training, Mr. Heidecker became associated with Mr. Willy Freytag-Frey of Berlin and New York, teacher of Madame Frieda Hempel of the Metropolitan Opera Company of New York, the Covent Garden Opera Company of London, and the Berlin Royal Opera Company, and of Madame Claire Dux of the Berlin Royal Opera Company and the Chicago Opera Company. Beside his private studio work in New York, Mr. Heidecker was head of the voice department of the Philadelphia Academy of Music. Many artists of renown in the operatic and concert fields are numbered among Professor Heidecker's pupils. Professor Heidecker has also connections with New York managers and other professional agencies whereby graduate pupils may be placed in professional work of all kinds.

Evansville College considers itself fortunate in being able to offer thru Professor Heidecker opportunity for the serious study of singing as a fine art as well as experienced and sound judgment and guidance in whatever branch of music study the student may elect.

Mrs. Lillian Ellerbush Heidecker, who assists in the work of teaching and, as assistant director, is also in charge of the work being done by other teachers in out-of-town branches, needs no introduction to Evansville and surrounding territory. She began her musical education in New York under various teachers, but has continued her work for the past seven years under the tuition of her husband. Mrs. Heidecker has done church, operetta, and concert work of a high order, appearing independently and with well known artists. She is also a coach of recognized ability.

Mrs. Donald French is head of the Piano department. Her training was obtained in Berlin under Madame Stepanoff and Dr. Hermann Wetzell, and in Boston under Heinrich Gebhardt. She is an exponent

of the Letchitzky school and has done concert work of the highest type in America and Europe. Mrs. French's thoro musicianship and exceptional technical equipment give to her teaching the value of unusual authority. She accepts advanced piano students only.

Her assistant is Miss Alice Mitchem, who is also accompanist and instructor in the rudiments of music in the Voice department.

Mr. James R. Gillette, teacher of Organ and Musical Theory, is already known to Evansville thru his church work and his municipal organ recitals. Mr. Gillette is the composer of compositions for organ, piano and voice, accepted by leading publishers and in use on programs thruout the country. Mr. Gillette is a graduate in music of Syracuse University and has formerly been instructor in Organ at Wesleyan College, Macon, Georgia. As a concert organist, Mr. Gillette has won for himself a place of esteem among his fellow organists—having been chosen twice to play before the conventions of the National Association of Organists—in Springfield in 1917 and in Philadelphia in 1921. During the season of 1918 Mr. Gillette was soloist on tour with the Minneapolis Symphony Orchestra. Mr. Gillette is also the founder and director of the Little Symphony Orchestra of Evansville, Indiana.

Miss Ada Bicking has charge of the work in public school music. She is a graduate from the Public School Music Course in the American Institute of Normal Methods, Northwestern University. She has been supervisor of Music in the public schools of Vincennes, Indiana, a member of the faculty of the school of education in Indiana University and head of department of Music, State Normal School, St. Cloud, Minnesota. She is at present supervisor of music in the public schools of Evansville.

Arrangements are under consideration whereby recognized artists will be added to the faculty of the department to teach violin, cello, and all wood, wind, and percussion instruments of the orchestra. Special courses to be offered in orchestral and choral conducting and in public school music will be outlined in a later bulletin.

Announcement will also be made of the requirements leading to a diploma in music and to the degree of Bachelor of Music. The department accepts as students all who desire to make a serious study of music. Those who continue their work over a period of years and include such academic courses as are ordinarily required of graduates in music from standard colleges, will be granted the honors of the institution.

TUITION

Piano, Organ, Violin, or Voice (two lessons per week).....	\$45.00
Piano, Organ, Violin, or Voice (one lesson per week).....	24.00
History of Music (one lesson per week).....	6.00
Theory or Harmony (two lessons per week).....	12.00
Organ Practice, an hour.....	.50

Students who are interested should write for further information and for the special bulletin descriptive of the work of the department to be issued in July.

REGISTER OF STUDENTS

DEGREES CONFERRED

1922

(In Cursu)

Bachelor of Arts

Gerhard August Ahrens

Norman Dow Beach

Lyman Barr Davis

Louise Engelsmann

Sarah Lee Lloyd

Edgar Monroe McKown

Thelma Margaret Ossenbergl

*Claud Clinton Robinson

Edna Carolyn Louise Vogel

Emma Anna Waters

Jane Elizabeth Wright (magna cum laude)

Bachelor of Music

Edwin Trusheim

(Pro Honore)

Doctor of Laws

George S. Clifford

Doctor of Science in Sociology

Allen D. Albert

* Degree awarded in August, 1921.

ENROLLMENT

1921-1922

College of Liberal Arts

Freshmen	51
Sophomores	39
Juniors	28
Seniors	12
*Unclassified	34

Department of Education

Freshmen	173
Sophomores	57
*Unclassified	61

Department of Engineering

Freshmen	14
Sophomores	5
*Unclassified	1

Department of Music

All subjects	57
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Grand Total	532
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Recounted	17
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Net Total	515
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Community Students (Literature).....	127
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*The term "unclassified" should not be interpreted as meaning "conditioned in entrance subjects". In most cases "unclassified" students have had full high school preparation, and in some cases they are college graduates.

LIST OF STUDENTS

1921-1922

The following list includes all students who were in attendance at any time during the year 1921-22. The quarters are indicated by 1, 2, 3, 4 respectively. Mid-Spring students are included with those of the Summer quarter.

The explanation of abbreviations used is as follows: C—College of Liberal Arts; Ed.—Department of Education; Mu.—Department of Music; Eng.—Department of Engineering; Ext.—Extension; Fr.—Freshman; So.—Sophomore; Jr.—Junior; Sr.—Senior; Unc.—Unclassified. A numeral 1, 2, 3, or 4 following a departmental classification indicates that the student was enrolled in that department for the number of quarters indicated. An asterisk (*) prefixed to a name indicates that the student was in attendance for six weeks only; a double asterisk (**) that the student was in attendance for eighteen weeks during the Mid-Spring and Summer quarters.

*Abbott, Louyse A. (4)	C. Fr.	Boonville
Abshire, Merle (4)	Ed. Fr.	Boonville
Adams, Ira G. (1, 2, 3)	C. Jr.	Monroe City
Agnew, Josephine E. (1, 2, 3)	C. Fr.	Rockport
Ahlering, Inez K. (4)	Ed. Fr.	Evansville
**Ahrens, Gerhard A. (4)	C. Sr.	Elberfeld
Alexander, Maybelle L. (1, 2, 3)	Ed. Fr.	Evansville
Alldredge, Herbert L. (4)	Ed. Fr.	New Harmony
Allen, Lionel W. (4)	Ed. Fr.	Mt. Vernon
Allinger, Carl (1, 2, 3)	C. Unc.	Evansville
Anderson, Mildred (1, 2, 3)	C. Fr.	Stewartsville
Andres, Marianna (1, 2, 3)	C. So.	Evansville
*Arburn, Esther (4)	Ed. So.	Princeton
Arnold, Helen C. (1, 2, 3)	Ed. So.	Evansville
Ash, Beatrice E. (1)	Ed. So.	Birdseye
*Atkin, Louise E. (4)	Ed. So.	Evansville
Ault, Charles F. (1, 2, 3)	C. Unc.	Newburgh
Aylsworth, Walter W. (4)	Ed. Fr.	Mt. Vernon
Bailey, Joyce J. (1, 2, 3, 4)	C. So.	Evansville
Baker, Robert C. (1, 2)	Eng. So.	Oaklandon
Bakewell, William E. (1, 2, 3)	C. Fr.	Henderson, Ky.
Barker, Lura (4)	Ed. So., Mu.	Tennyson
Barnett, Bertha B. (1, 2, 3)	C. Unc.	Evansville
Barnette, Daisy B. (4)	Ed. Fr.	Evansville
Bateman, R. Louis (2, 3, 4)	C. Fr.	Boonville
*Bates, Howard M. (3)	Ed. Fr.	Newburgh
Bates, Lester N. (2, 3)	C. Unc.	Fremont, O.
Beach, Norman D. (1, 2, 3, 4)	C. Sr., Mu. (1)	Poseyville
Becker, Dorena (2, 3)	C. So.	Evansville
Beckman, Helen M. (4)	Ed. Fr.	Jasper
**Bell, Lyle O. (1, 2, 4)	Ed. Fr.	Newburgh
Bennett, Rosalie I. (1, 2)	Ed. Unc.	Evansville
*Berman, Alfred K. (4)	C. Fr.	Evansville
Bernstein, Rosalie (1)	C. Unc.	Evansville
Bertelsen, Helen K. (1, 2, 3)	C. Fr.	Evansville

Bicking, Norma E. (1, 2, 3, 4)	C. So., Ed. (3)	Evansville
Black, Clara N. (1, 2, 3, 4)	Ed. So.	Evansville
Blackburn, Lawrence (4)	Ed. Fr.	Wadesville
Bockstahler, Avis E. (4)	Ed. Fr.	Dale
Bockstahler, Lelia C. (4)	Ed. Fr.	Howell
Boehne, Edna M. (1, 2, 3)	Mu.	Evansville
**Boeke, Mildred (4)	C. Fr.	Evansville
Boleman, Anne (1, 2, 3)	Ed. So.	Evansville
Bosse, Clarence (4)	Ed. Fr.	Inglefield
Bosse, Louise (2, 3)	Mu.	Evansville
Bottoms, Ethel (4)	Ed. Fr.	Petersburg
Bower, Martha E. (1, 2, 3, 4)	C. Unc.	Armstrong
Brace, Roy F. (2)	Ed. Fr.	Holland
Bradley, Opal (1, 2, 3)	C. So.	Evansville
Brandley, Anna (1, 2, 3)	Ed. Unc.	Evansville
Brandley, Myrtle (1, 2, 3)	Ed. Unc.	Evansville
Brenner, Jane (1, 2, 3, 4)	Ed. Unc.	Evansville
Brentano, Dorothy (1, 2, 3)	C. Unc.	Evansville
Bretz, Louise A. (2, 3)	Mu.	Huntingburg
Bretz, Marie (1, 2, 3)	Ed. So.	Evansville
Brookins, Ione (1, 2)	Ed. So.	Evansville
Brooner, Eloise (1, 2, 3)	C. So.	Evansville
**Brooner, Kathryn (4)	Ed. Fr.	Dale
Brown, Archiless M. (1, 2, 3)	C. Jr.	Oaktown
Brown, B. Evans (1)	Mu.	Poseyville
Bullock, Jewell I. (4)	Ed. Fr.	Boonville
Burba, E. Grace (1, 2, 3)	Ed. Unc.	Oakland City
Burtis, Alma E. (4)	C. Unc.	Evansville
Busefink, Erma (2, 3)	Ed. Fr., Mu.	West Salem, Ill.
Buzzingham, Gilbert L. (4)	Ed. Fr.	Boonville
Calvert, Martha (1, 2)	Ed. Unc.	Evansville
Camp, Ethel (1, 2, 3)	Ed. Unc.	Evansville
Campbell, Hallie E. (1, 2, 3)	C. Fr.	Boonville
Capelle, Madeleine A. (4)	Mu.	Evansville
**Carey, Hazel (4)	Ed. Fr.	Chandler
Carleton, William G. (1, 2)	C. So.	Evansville
Carlin, Nell (1, 2, 3, 4)	Ed. Unc.	Evansville
Carroll, Elizabeth T. (1, 2, 3)	C. Fr.	Henderson, Ky.
Carson, Blanche (4)	Ed. Fr.	Mt. Vernon
Carson, Martha E. (1)	Mu.	Evansville
Carter, Marie (4)	Ed. So.	Boonville
Cato, Nancy H. (4)	C. So.	Princeton
Chrystie, Harold (1, 2)	C. Fr.	Austin
*Claypole, Mavilla (4)	C. Unc.	Evansville
Clements, Flora E. (1, 2, 3)	Ed. Unc.	Evansville
*Cleveland, Guy (4)	Ed. Unc.	Cynthiana
Cleveland, Percy (1, 2)	Eng. Fr.	Princeton
Clutter, Mary E. (4)	Ed. Fr.	Inglefield
Cook, Bess (1, 2)	Ed. Unc.	Newburgh
Copeland, Mrs. Willis (1, 2)	Mu.	Evansville
Creek, Arthur (4)	Ed. Fr.	New Harmony
Crofts, Cora E. (1)	Mu.	Evansville
Crome, Mildred L. (3)	Mu.	Albion, Ill.
Cubbison, Stanley G. (1, 2, 3, 4)	Eng. So.	Princeton
Culbertson, Forrest (1, 2, 3)	C. So.	Evansville
Dailey, Mrs. Eva J. (1, 2)	C. So.	Petersburg
Dailey, Gerald O. (1, 2, 3)	C. Jr.	Evansville
Dassel, Wilbur F. (4)	C. Unc.	Elberfeld
Davis, Lyman B. (1, 2, 3, 4)	C. Sr., Mu. (1)	Chandler

Day, Bessie (4)	Ed. Fr.	Richland
Day, Irene B. (4)	Ed. Fr.	Evansville
Day, Pearl (4)	Ed. Fr.	Boonville
Decker, Irma (1, 2, 3)	Ed. Unc.	Evansville
Deeg, Alma M. (4)	Ed. So.	Evansville
Deeg, Clarence (1, 2, 3, 4)	Eng. Fr.	Evansville
DeVos, Adelia B. (4)	C. So.	Evansville
Deweese, R. Earl (4)	Ed. So.	Rockport
Dixon, Douglas (1, 2)	C. Unc.	Mt. Vernon
Dixon, Samuel C. (4)	Ed. Fr.	Mt. Vernon
*Downey, Ruby (4)	Ed. So.	Francisco
Dreier, Walter H. (1)	Mu.	Evansville
Dudine, Bernadine J. (4)	Ed. Fr.	Jasper
Duncan, Herbert W. (4)	Ed. Fr.	Mt. Vernon
Dunning, Ezma N. (1, 2, 3)	C. Fr.	Evansville
Dunville, John (1, 2)	C. Fr.	Evansville
Dyer, Ruth B. (1, 2, 3)	Ed. Fr.	Evansville
Eaton, Mrs. Norma (4)	Mu.	Poseyville
Ebert, Norma K. (1, 3)	Ed. Fr.	Armstrong
Eicholz, Mary E. (1, 2, 3)	C. Jr.	New Albany
Elder, Vesta (4)	Ed. So.	Chandler
Engelsmann, Louise (1, 2, 3)	C. Sr., Mu. (1)	Evansville
Ensle, Mary E. (1, 2, 3)	C. Fr.	Evansville
Entsminger, Armina C. (1, 2, 3, 4)	Mu.	Evansville
Erk, Emily G. (4)	C. Fr.	Evansville
Euler, Elizabeth K. (4)	Ed. Fr.	Evansville
*Fairchild, Chas. L. (4)	Ed. Unc.	Cynthiana
Fauquher, Lucile (4)	Ed. Fr.	Evansville
Fauquher, Warren (1)	Ed. Unc.	Evansville
Fay, James L. (4)	Ed. Fr.	Boonville
Fay, Mabel (4)	Ed. Fr.	Boonville
Feix, Nora (1, 2, 3)	Ed. Unc.	Evansville
Fincher, Clara E. (1, 2, 3, 4)	Ed. So.	Evansville
Fink, Wesley F. (4)	C. Unc.	Evansville
Finke, Florence (1)	Mu.	Evansville
Fish, Mae Lillian (1)	C. Unc.	Evansville
Fletcher, Thelma L. (2)	Ed. Fr.	Grandview
Foertsch, Raymond (1, 2, 3)	C. Fr.	Grandview
Ford, Mary E. (4)	Ed. Fr.	Hazleton
Franke, Irma C. (1, 2, 3)	C. Jr.	Evansville
Fuller, Elva (1, 2, 3)	Ed. Fr.	Evansville
*Garrison, Irene (2, 4)	Ed. Fr.	Tennyson
Gebauer, Esther (4)	Ed. Unc.	Henderson, Ky.
Geissler, Dorothy (4)	C. Fr.	Evansville
Gentry, Elsie Mae (3)	Ed. Fr.	Boonville
Gillaspie, Edythe B. (1, 2, 3)	C. Fr.	Evansville
Goad, Neva E. (4)	Ed. Fr.	Boonville
Goad, Thelma (4)	Ed. Fr.	Boonville
**Goldsmith, Emma (4)	Ed. So.	Evansville
Goldsmith, Nellie (1, 2, 3)	Ed. So.	Evansville
Goodge, Mrs. Bayard (1)	Mu.	Evansville
Goslee, Margaret L. (1, 2, 3)	Ed. Unc.	Evansville
Gould, William F. (1, 2, 3, 4)	Eng. So.	Huntingburg
Greenly, F. Veon (1, 2, 3, 4)	Eng. Unc.	Evansville
Gresham, Virginia (1, 2, 3, 4*)	Ed. So.	Evansville
*Grimes, Estelyn E. (4)	Ed. Fr.	Winslow
Grimes, Mary Esther (1, 2, 3)	C. Fr.	Cynthiana
Grimm, Esther (1, 2, 3)	Ed. Fr.	Evansville
Grinnell, M. W. (1, 2, 3)	Ed. Unc.	Evansville

Guenther, Mrs. Lillian (3)	Ed. Fr.	Evansville
Guffy, Mrs. Jane H. (4)	Mu.	Hayti, Mo.
Haas, Amanda A. (4)	Ed. Fr.	Evansville
Haas, Olivia B. R. (1, 2, 3)	Ed. Fr.	Evansville
Haas, Victor L. (1, 2, 3)	C. Fr.	Boonville
Haberer, Dorothy (4)	Mu.	Evansville
Hackett, Nancy (4)	Ed. Unc.	Mt. Vernon
Hall, Thelma G. (1, 2, 3)	C. Fr.	Louisville, Miss.
Hall, Thomas A. (1)	C. Fr.	Rockport
Halsey, Vida (1, 2, 3)	C. Unc.	Evansville
Hames, Charles W. (4)	Ed. Fr.	Mt. Vernon
Hardin, Mrs. Bessie A. (1)	Mu.	Evansville
Hardin, Mrs. Henry T. (1)	Mu.	Evansville
**Harris, Pearle (4)	C. So.	New Harmony
*Hart, Lois L. (4)	Ed. So.	Lynnville
*Hartley, Mrs. Anna B. (4)	Ed. Unc.	Evansville
Hedges, Oscar S. (4)	Ed. Fr.	Mt. Vernon
Heilman, Hazel M. (4)	Ed. Fr.	Boonville
Heim, Bertha M. (4)	Mu.	Evansville
Heim, Erna (1, 2, 3)	Ed. Unc.	Evansville
Heim, Louise (1, 2, 3, 4)	Ed. So.	Evansville
Helms, Anna A. (1, 2, 3, 4)	Ed. So.	Boonville
Hetzel, Estelle (1)	Mu.	Evansville
Hewins, Mildred (1, 2, 3)	C. Fr.	Boonville
Hilliard, Julia Mae (1, 2)	Ed. Fr.	Boonville
Hixon, Lelah I. (1))	Mu.	Evansville
Hofmann, Sophia (1, 2, 3)	Ed. Unc.	Evansville
Hogue, Meredith M. (1, 2, 3)	C. Jr.	Newburgh
Holder, Pearl (1, 2, 3)	Ed. Unc.	Indianapolis
Hooker, Earl J. (2, 3)	Eng. Fr.	Evansville
Hooker, Nellie M. (1, 2, 3)	Ed. Unc.	Newburgh
Hornbrook, Elizabeth (1, 2, 3)	Ed. Unc.	Evansville
Hornby, Lucille (4)	Ed. Fr.	Evansville
Hoskins, Joyce F. (1, 2, 3, 4)	Ed. So.	Evansville
Hoyt, Willard H. (1, 2, 3)	C. Fr.	Evansville
Hudson, Walter (4)	C. Fr.	Evansville
Huffman, Mildred (4)	Ed. Fr.	Rockport
Hughes, Verna L. (1, 2, 3, 4)	C. Jr.	Delaware, O.
Hummert, Marguerite G. (1, 2, 3)	C. Unc.	Evansville
Hunt, Orlie G. (4)	Ed. Fr.	Tennysen
*Hussey, Gail (4)	Ed. So.	Francisco
Inco, Mabel E. (1, 2, 3, 4)	C. Jr.	Evansville
Jacobs, Irene (1)	Mu.	Evansville
Jandebeur, Edna (4)	Ed. Fr.	Evansville
Jarrett, A. Lillian (4)	Ed. Fr.	Chandler
Jeffries, Nan S. (4)	Ed. Fr.	Mt. Vernon
Jenkins, Lola (4)	Ed. Unc.	Boonville
Jennings, Edith H. (4)	Ed. Fr.	Rockport
Jerger, Victoria (4)	Ed. Fr.	Jasper
Johnson, Arthur L. (1)	Mu.	Evansville
Johnson, Everett L. (2)	Ed. Unc.	Evansville
Jones, John K. (1, 2, 3)	C. Jr., Mu. (1)	Slaughters, Ky.
Jones, Leona C. (3)	Ed. Fr.	Winslow
Jones, Winston (4)	Ed. Fr.	Mt. Vernon
Jordan, William H. (3)	Ed. Fr.	St. Joseph, Ky.
Jourdan, William P. (4)	Ed. Fr.	Mt. Vernon
Julian, Irene (4)	Ed. Fr.	Spurgeon
Julian, Ruth E. (1, 2, 3)	C. Jr., Mu. (1)	Evansville
Kalemkiarian, Arshaluis (1, 2, 3, 4)	C. Jr.	Bronx, N. Y.

Karch, Marie E. (4)	Ed. Fr.	Evansville
Keller, Anna E. (1, 2, 3)	Ed. Unc.	Evansville
Keller, Katherine L. (4)	Ed. Fr.	Howell
Kelley, Amelia J. (4)	Ed. Fr.	Boonville
Kelly, Bertha A. (1, 2, 3)	Ed. So.	Evansville
Kelly, Reba (4)	Ed. Fr.	Tennyson
**Kemper, Ruth (1, 2, 4)	C. So.	Evansville
Kiper, Agnes (1, 2, 3)	C. So.	Boonville
Klein, Flossie V. (1, 2, 3)	Ed. Fr.	Evansville
*Klotz, Wilferd O. (4)	Ed. Unc.	Mt. Vernon
Knauth, Hattie M. (1)	Ed. Unc.	Evansville
Knell, M. Leah (1)	Mu.	Evansville
**Koch, Bertha C. (4)	Ed. So.	Elberfeld
Koch, Margaret (3)	Ed. Fr.	Evansville
Kohlmeyer, Viola (1, 2, 3)	C. Fr.	Boonville
Kreutzinger, Dorothy (4)	Ed. So.	Mt. Vernon
Kriege, Lorene M. (1, 2, 3)	C. So.	Lamar
Kuebler, Dorothy (4)	Mu.	Mt. Vernon
Lasher, M. Albert (4)	Ed. Fr.	Lamar
Lasher, Myron L. (4)	Ed. Fr.	Lamar
Laubscher, Gilbert C. (1, 2, 3)	C. So.	Evansville
Lauenstein, Elsa C. (1)	Mu.	Evansville
**Lautenschlaeger, Marguerite (4)	Ed. Fr.	Newburgh
Lemme, Carl W. (1, 2, 3, 4)	C. Jr.	Evansville
*Lemme, Clinton E. (4)	Ed. Unc.	Evansville
Lenon, E. M. (1, 2, 3)	C. Jr.	Evansville
Lewin, Pearl B. (1, 2, 3)	Ed. Unc.	Evansville
Lewis, Bessie I. (1, 2, 3)	C. So.	Radnor, O.
Lindsey, James J. (1, 2, 3)	C. So.	Rockport
*Lindsey, Pearl (4)	Ed. So.	Tennyson
Lloyd, Sarah Lee (1, 2, 3, 4)	C. Sr., Mu. (1)	Evansville
**Lochmueller, Estella (4)	Ed. Unc.	Elberfeld
Loehr, Elmer H. (2)	Ed. Fr.	Holland
Lowell, Mary (4)	Ed. Fr.	Boonville
Ludwig, Alma A. (4)	Ed. Fr.	Armstrong
Lutz, Florence (4)	Ed. So.	Evansville
Lutz, Nera S. (4)	Ed. Fr.	Boonville
Lutz, Ruby E. (4)	Ed. Fr.	Boonville
Lynch, Mrs. Erruphene H. (3, 4)	Ed. Fr.	Henderson, Ky.
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Lyons, Odessa M. (4)	Ed. Fr.	Evansville
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Whitaker, Bessie (3)	Ed. Fr.	Chandler
Whitaker, Jessie (3)	Ed. Fr.	Chandler
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Whitehead, Mrs. Walker (1)	C. Unc.	Evansville
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Zehner, Clara A. H. (4)	Ed. Fr.	Evansville
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